General Algebra II

Lesson #2 Unit 1

Class CWS #2

For Worksheets #3 & #4

General Algebra II Unit 1 Intervals

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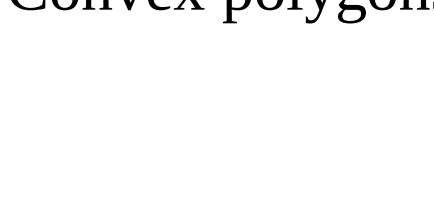
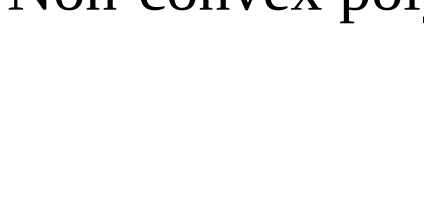


Non-convex polygons



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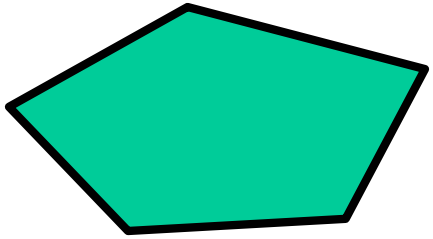

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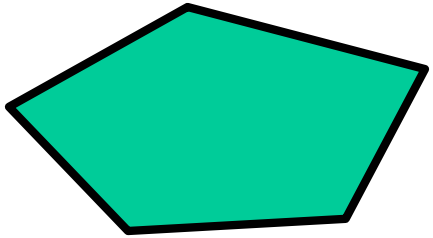

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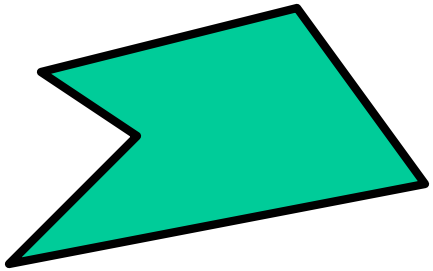

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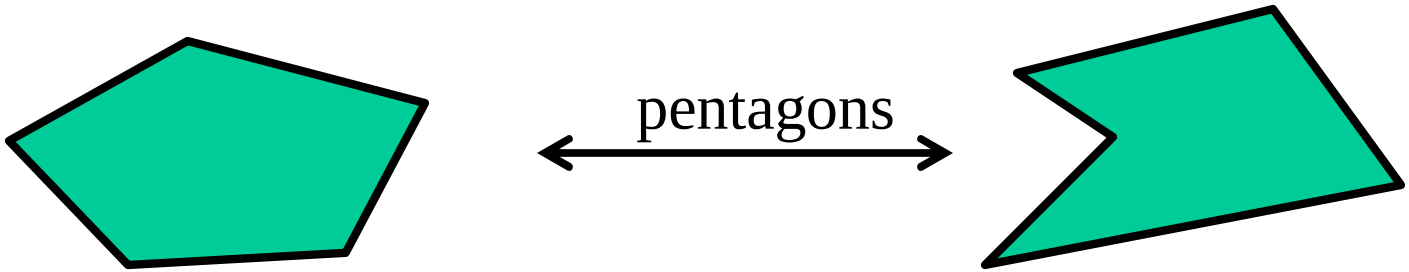

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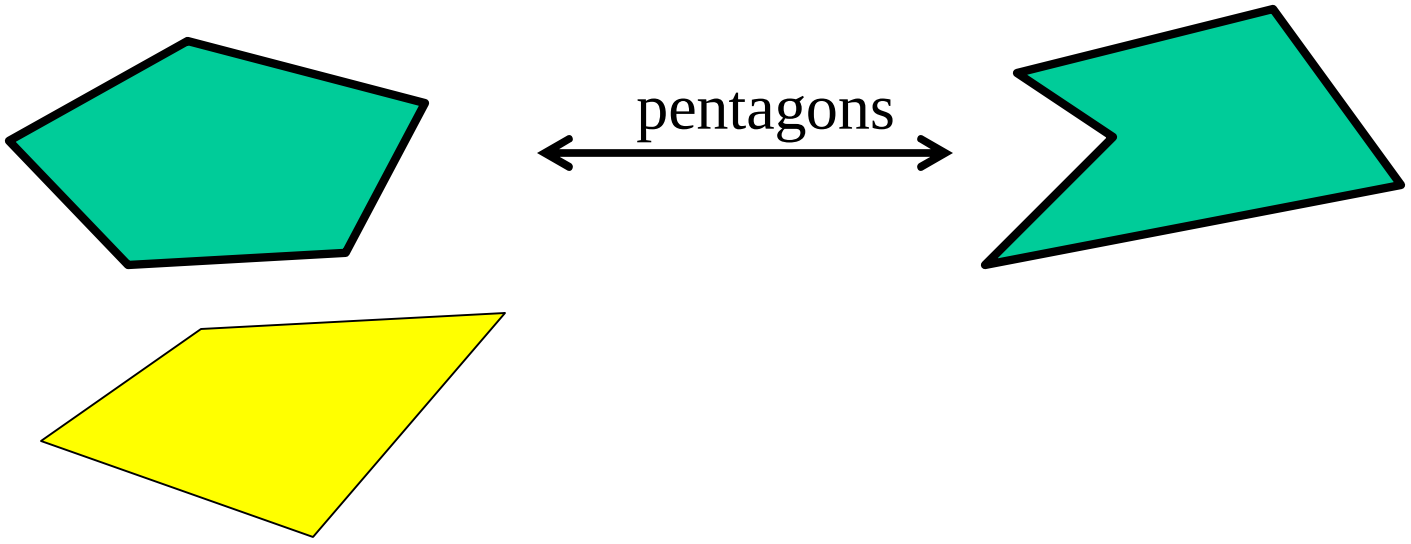

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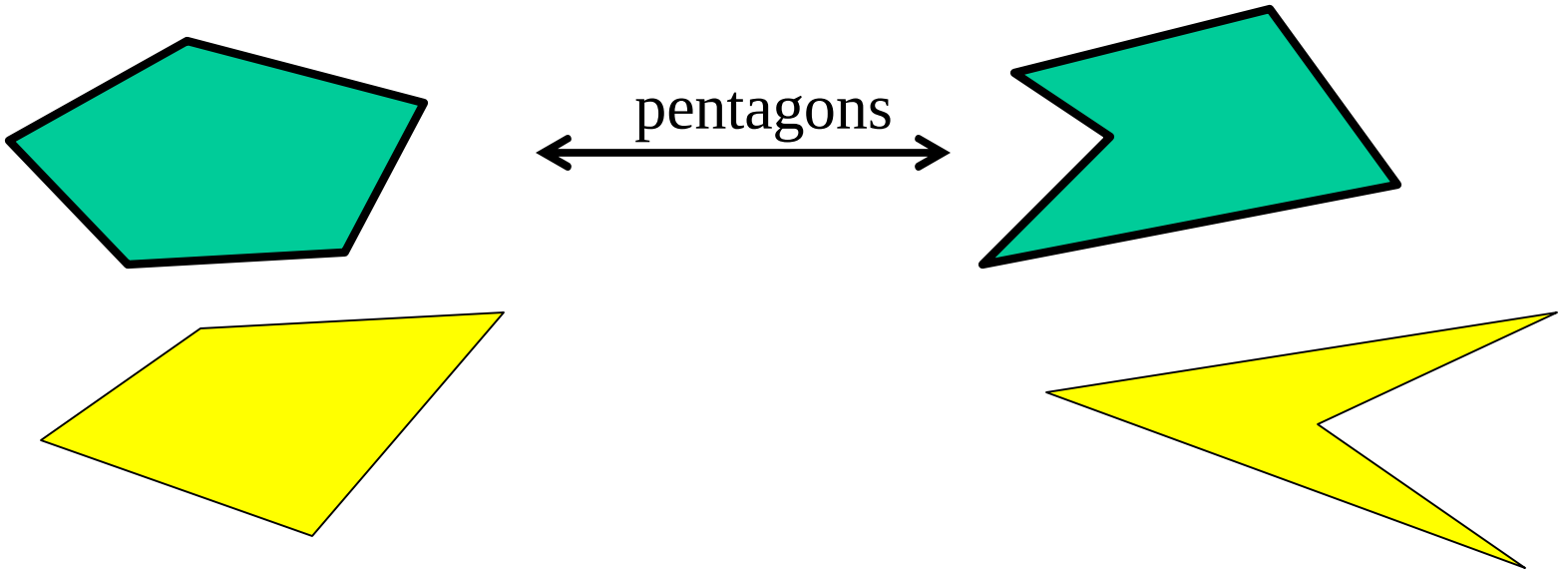

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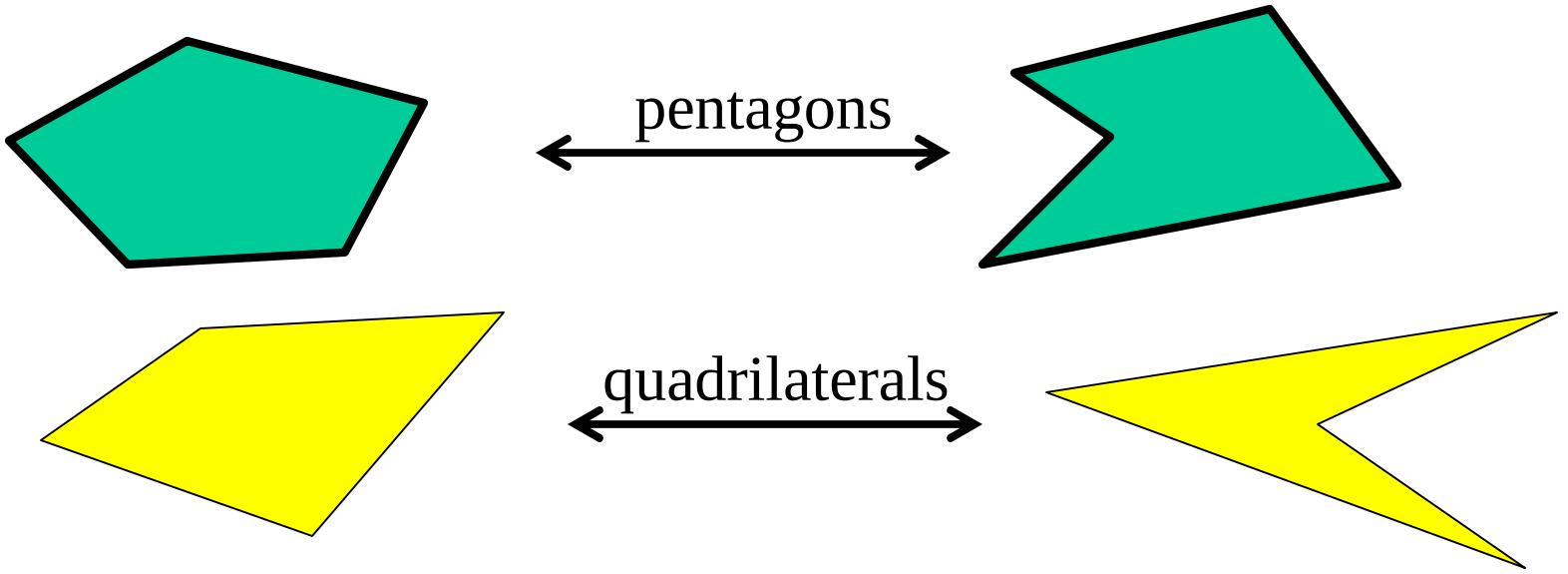

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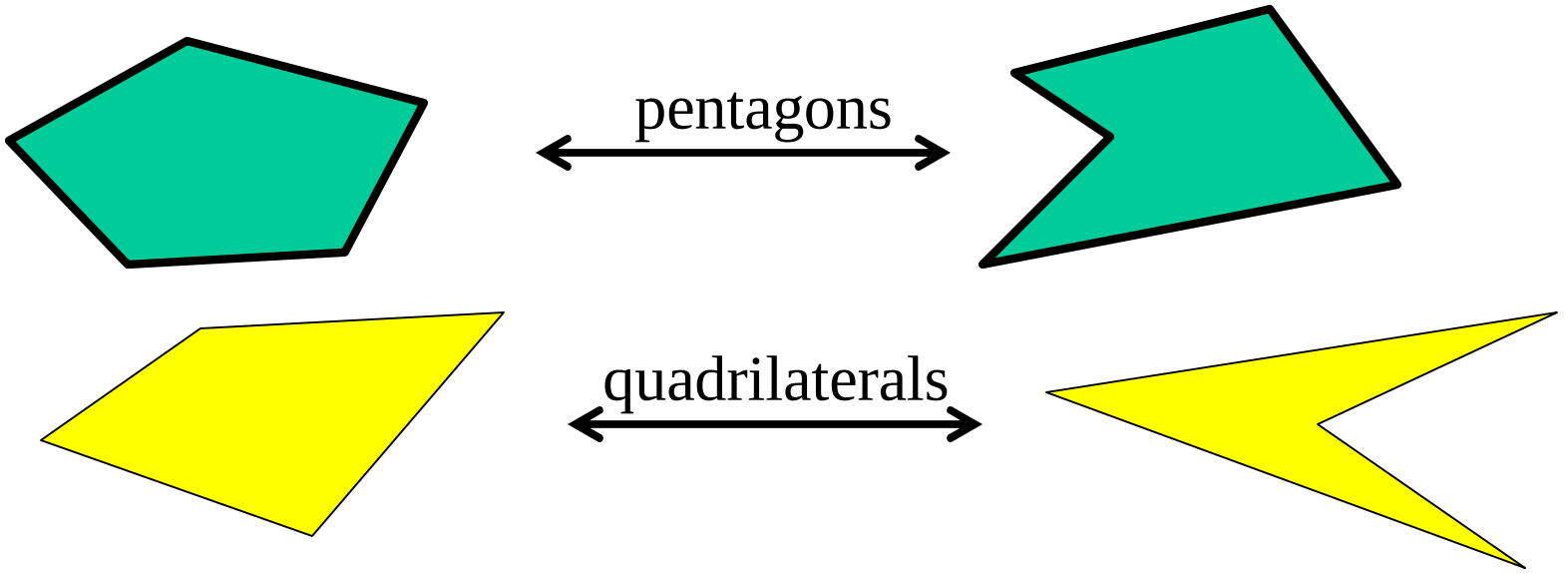

A polygon is a **convex polygon** if and only if its **interior** is a **convex set** of points.

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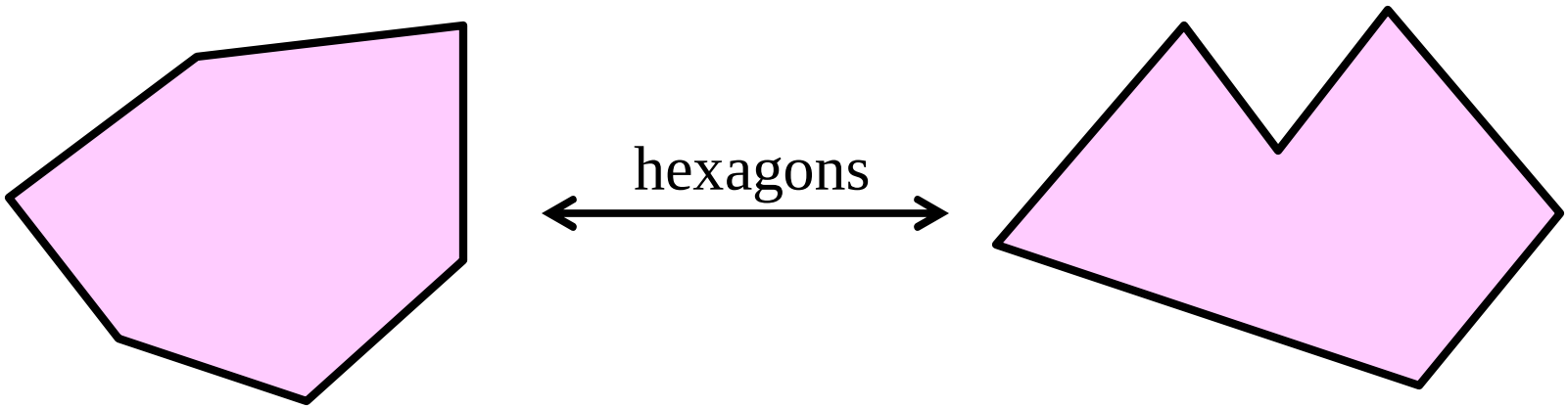

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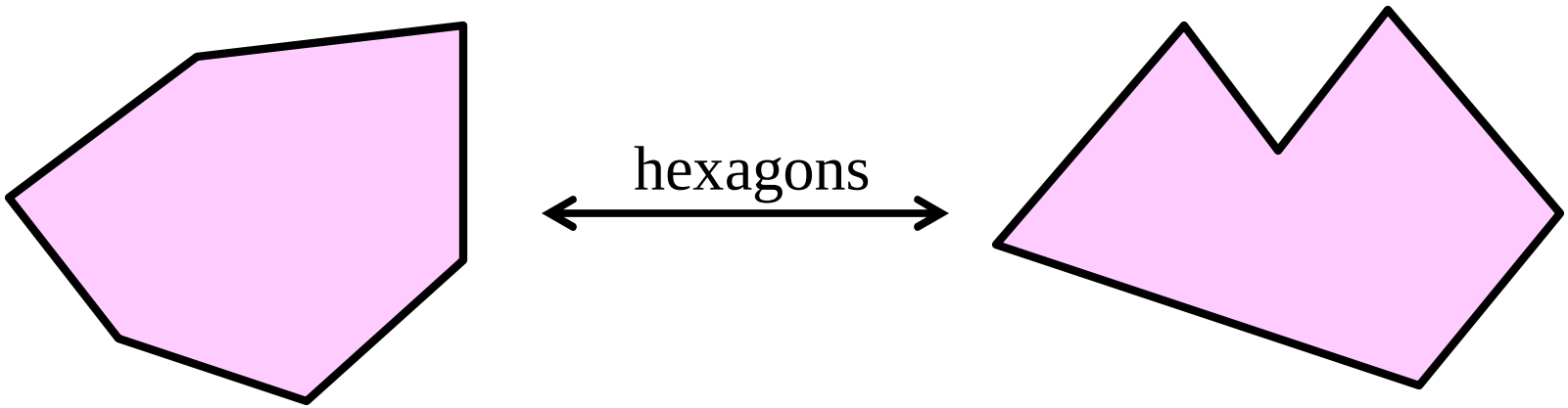

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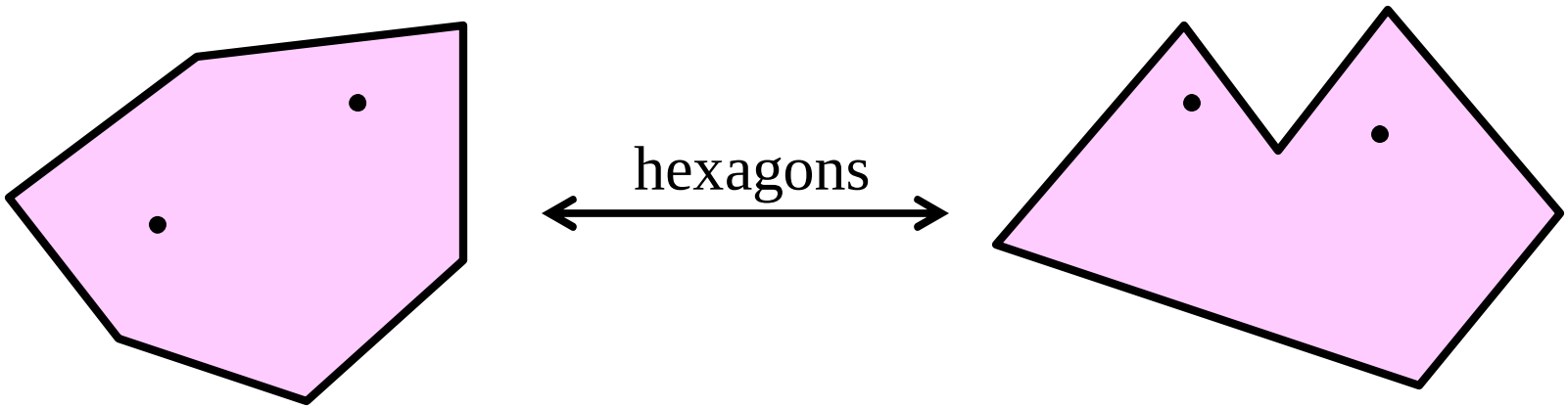

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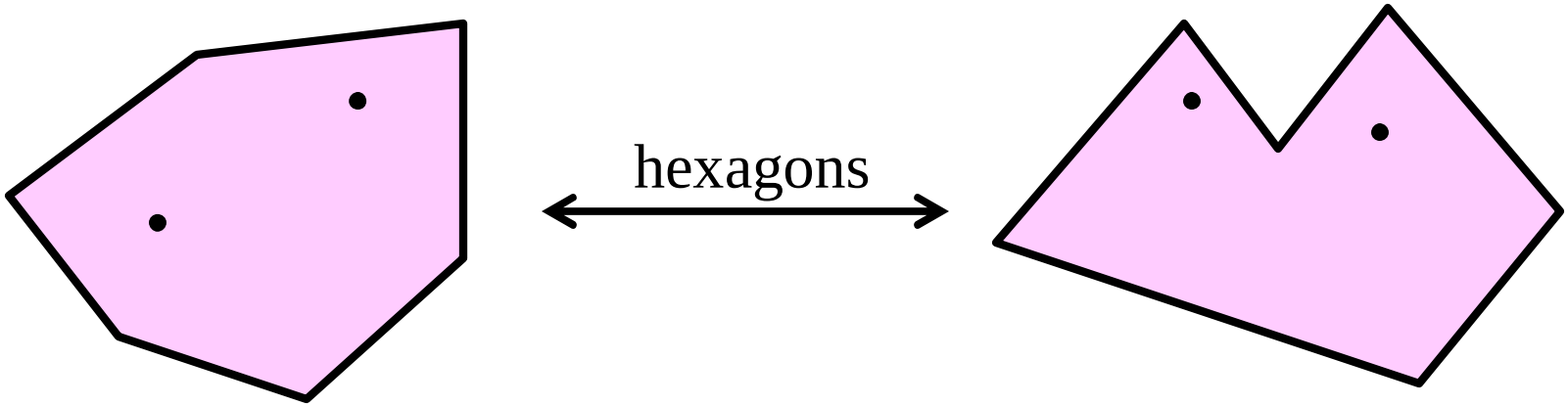

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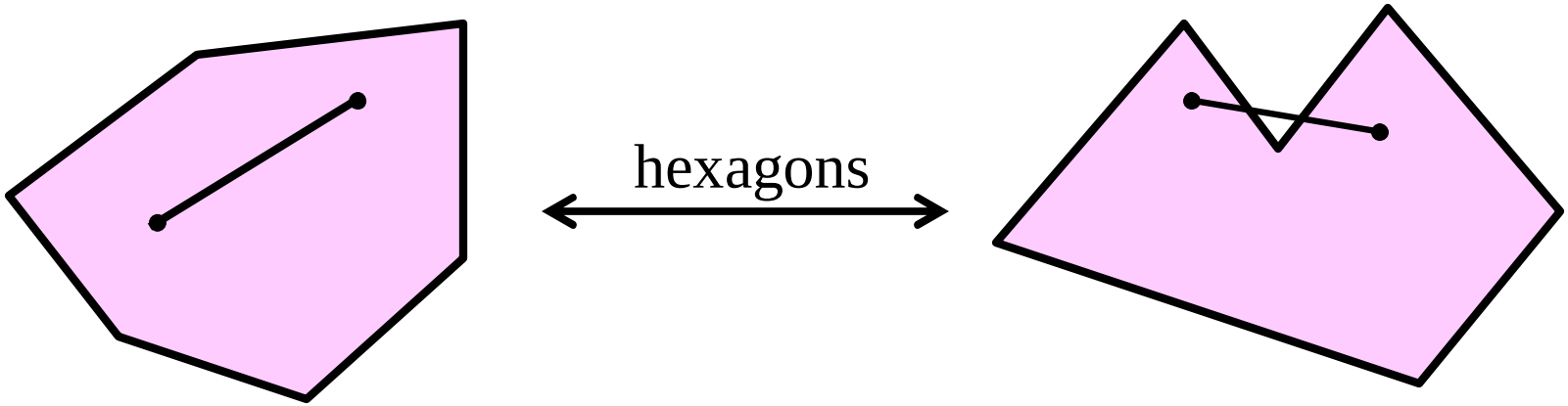

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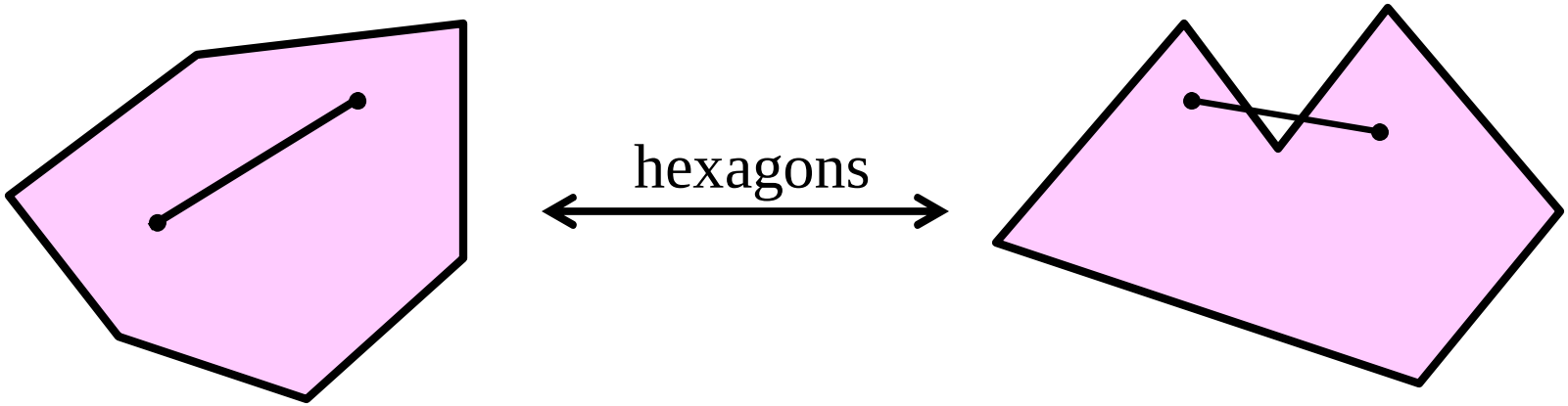

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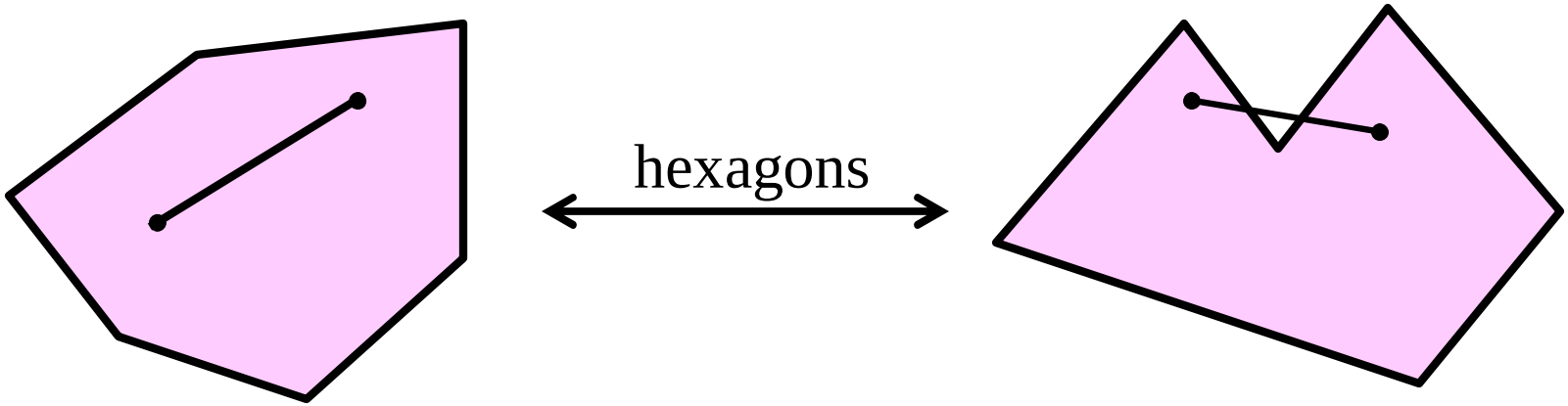

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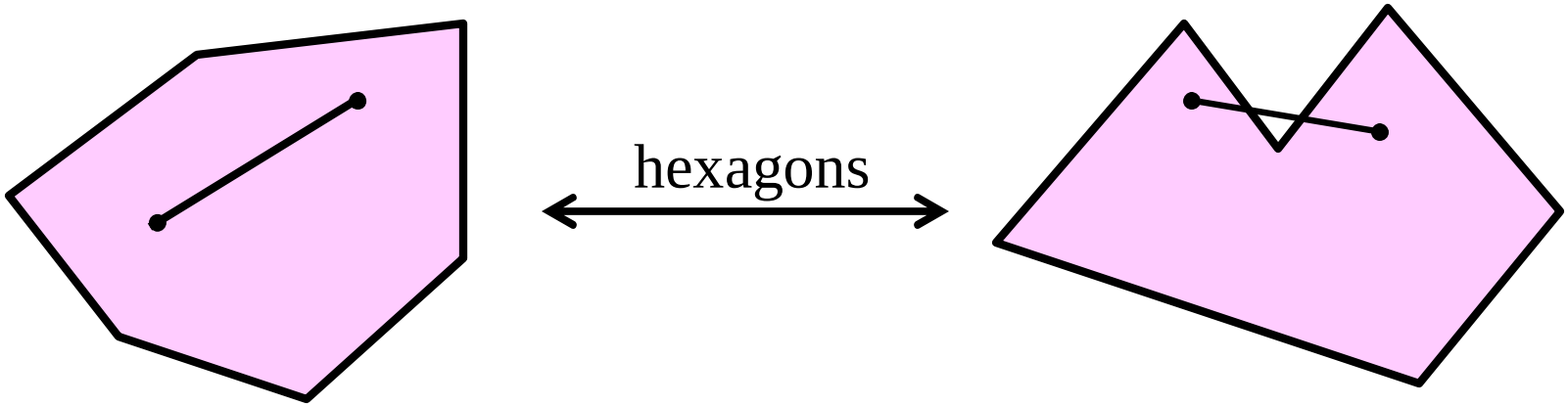

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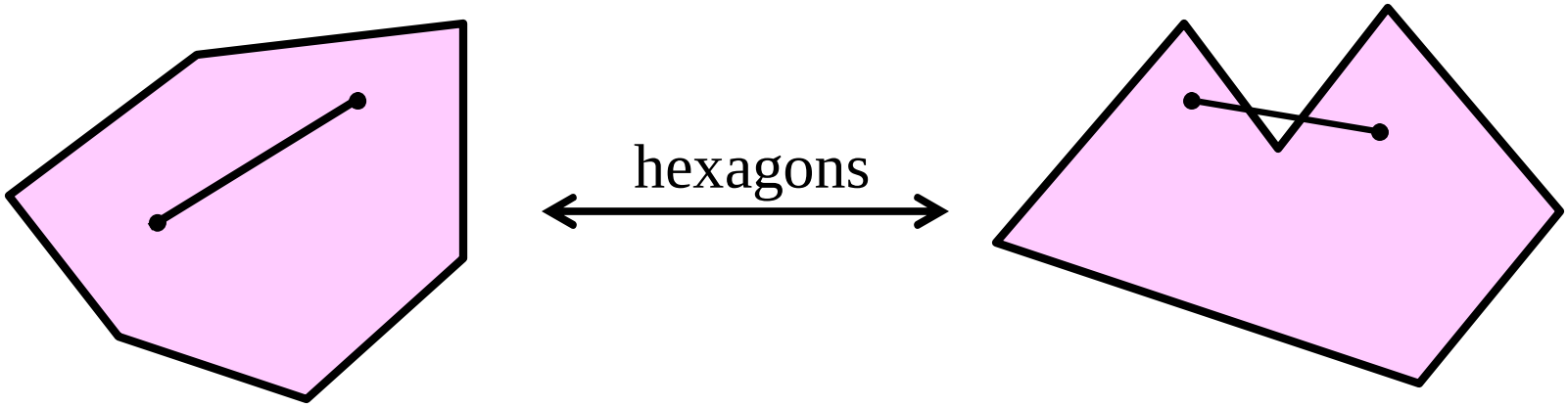

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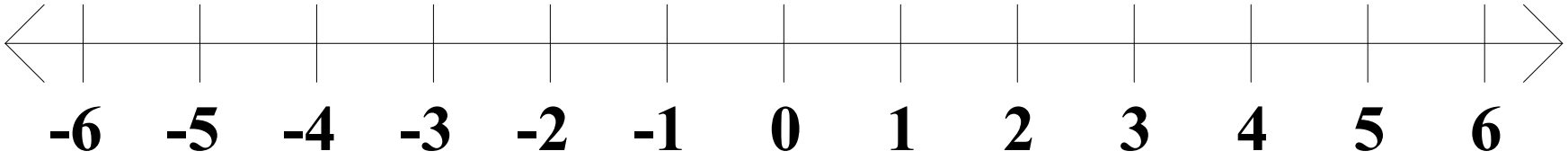

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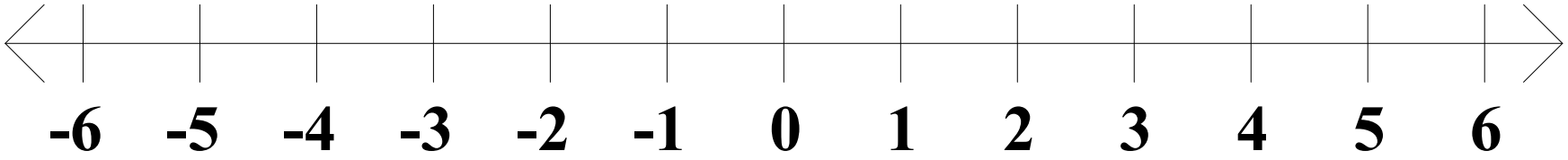

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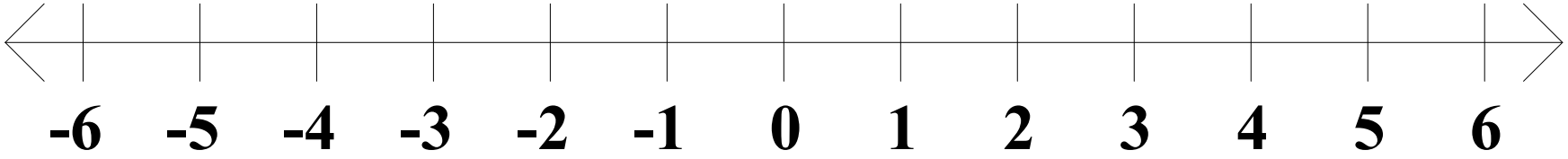

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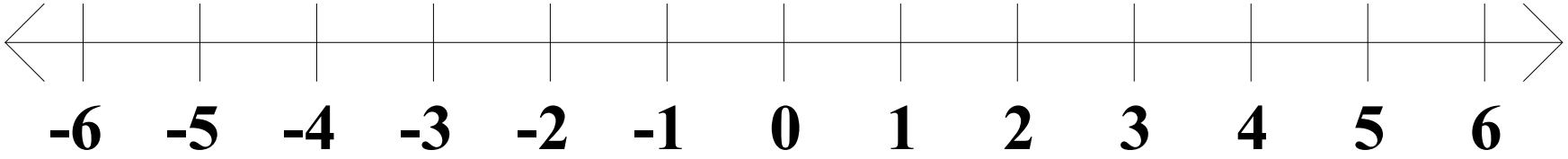

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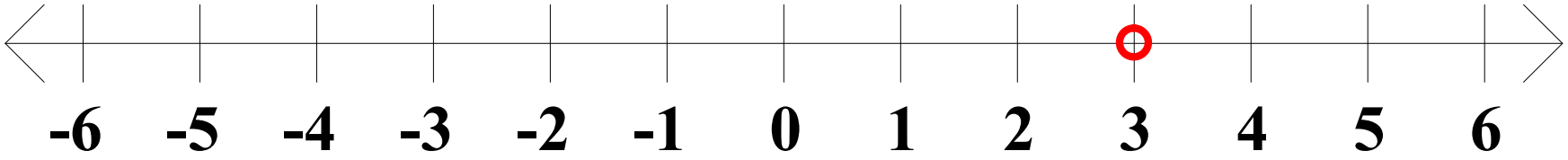

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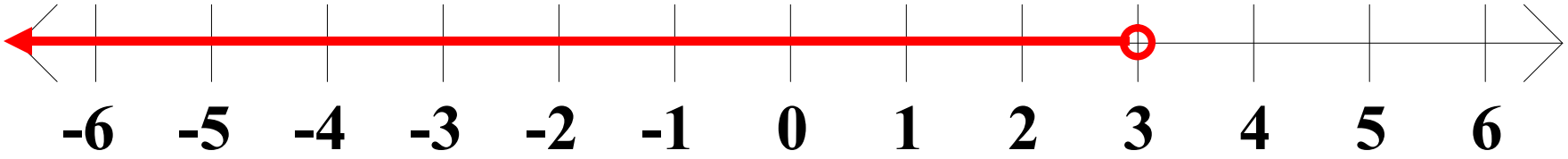

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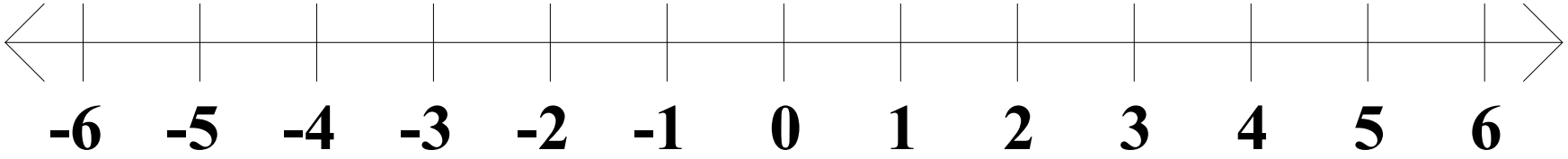

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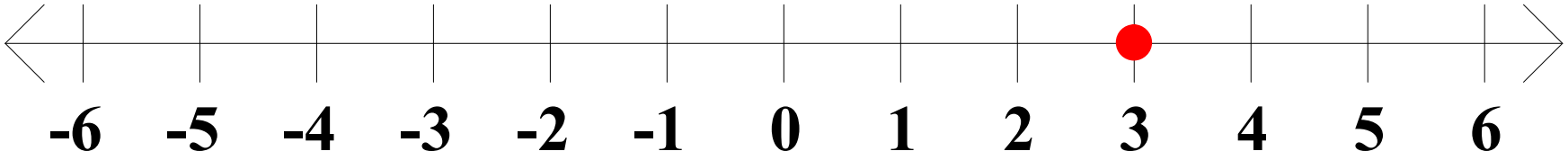

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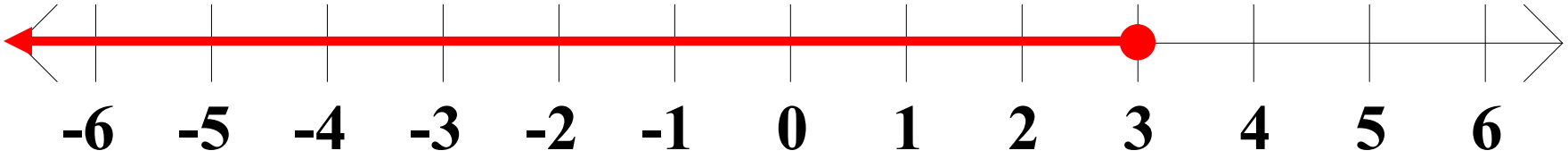

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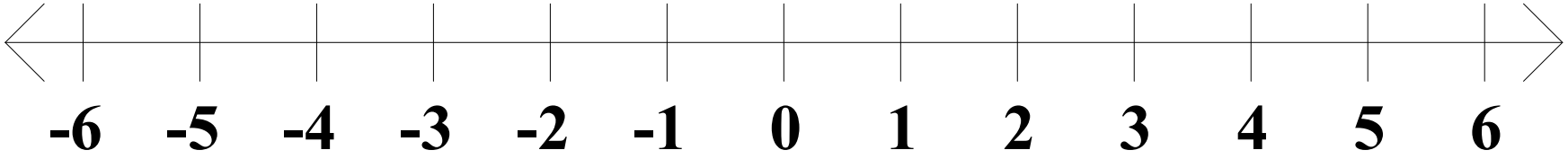

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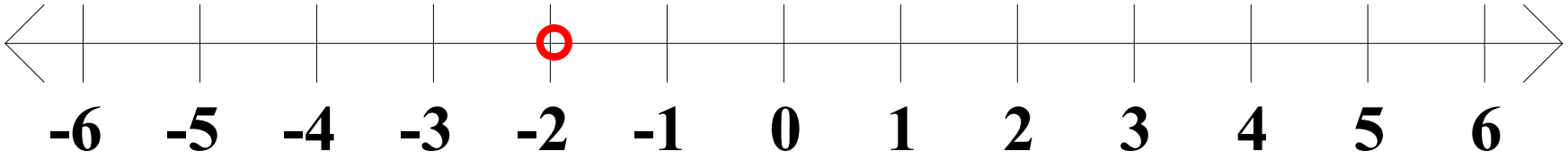

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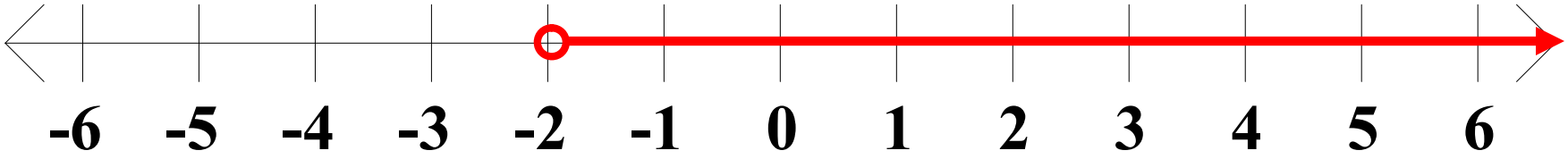

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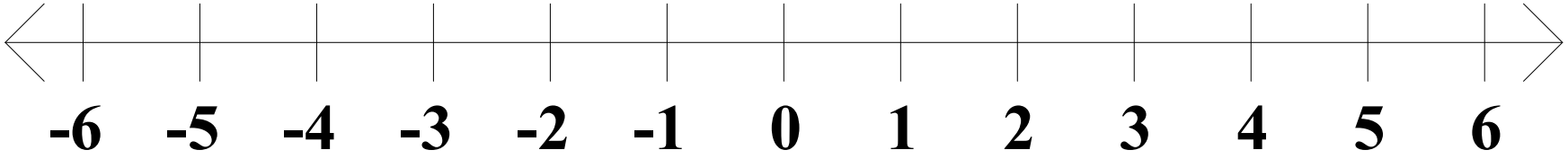

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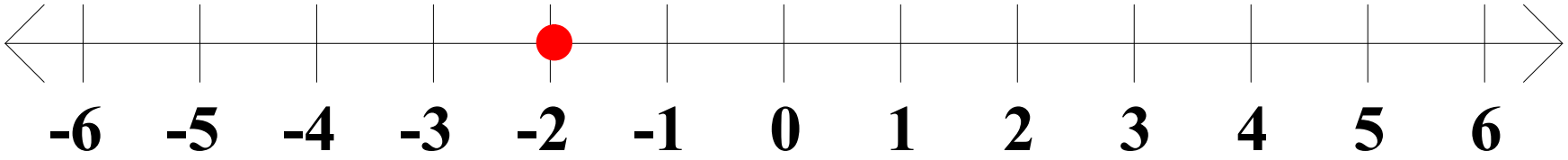

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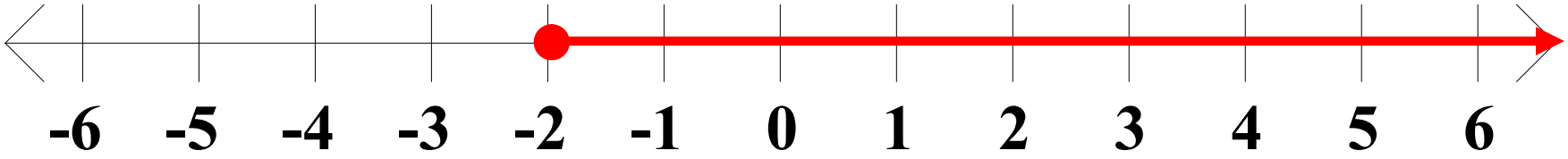

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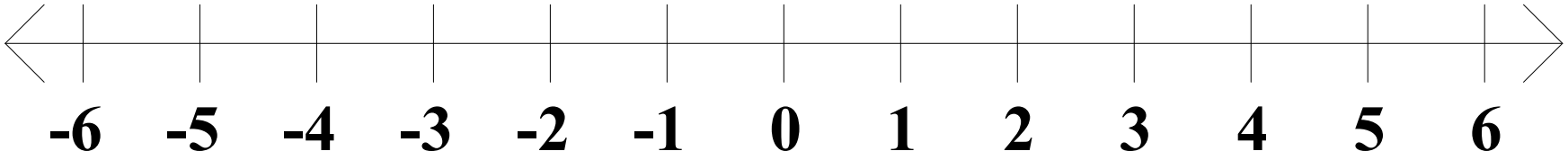

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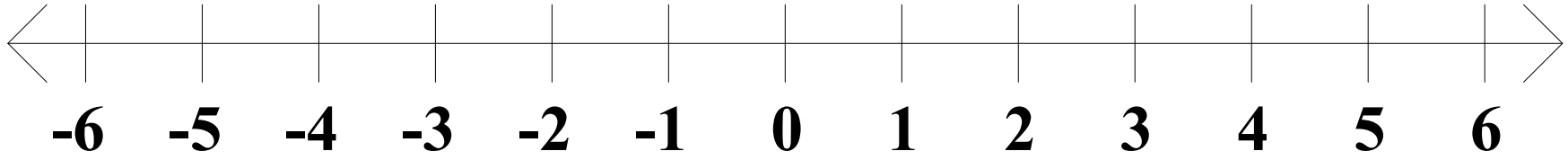

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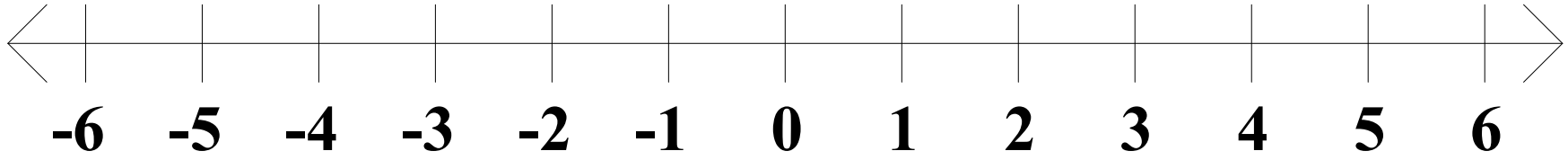

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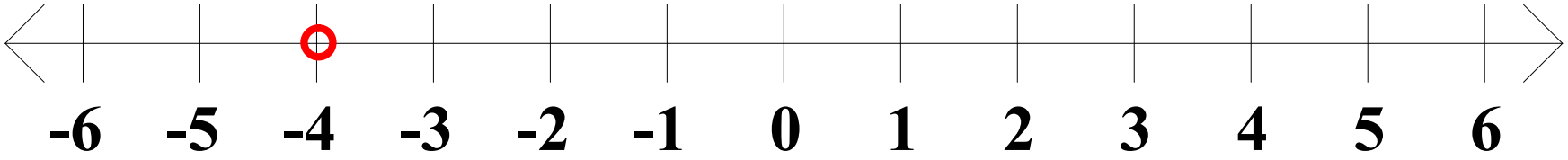

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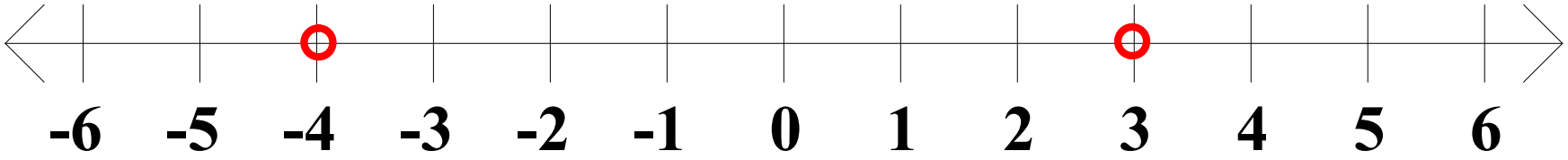

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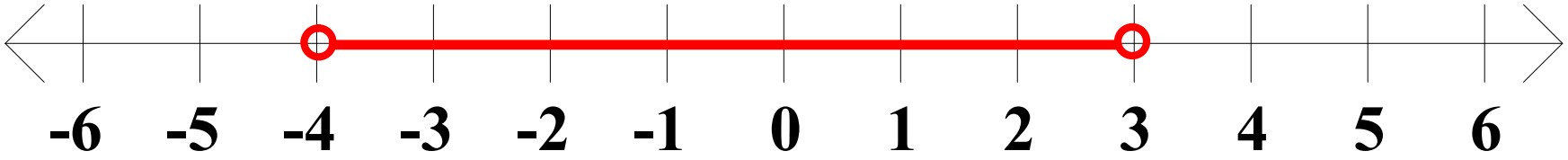

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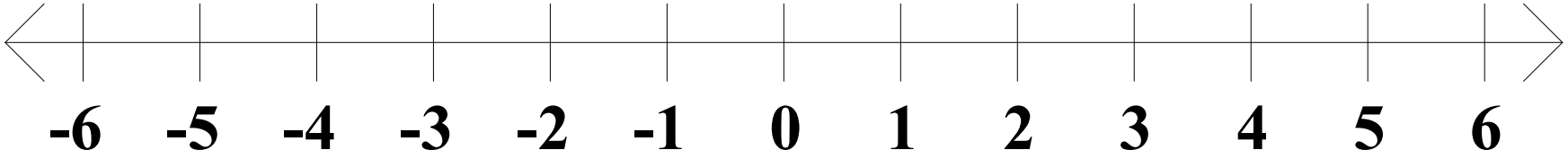

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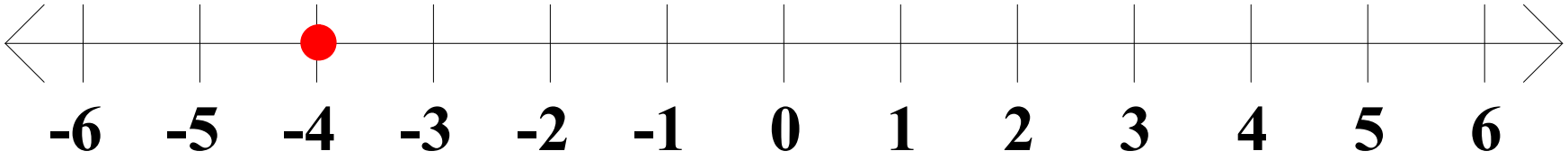

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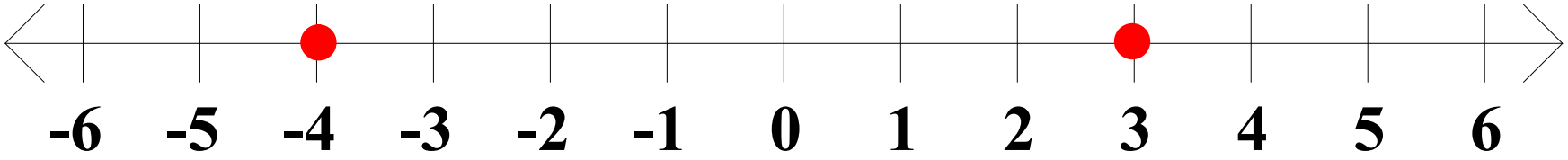

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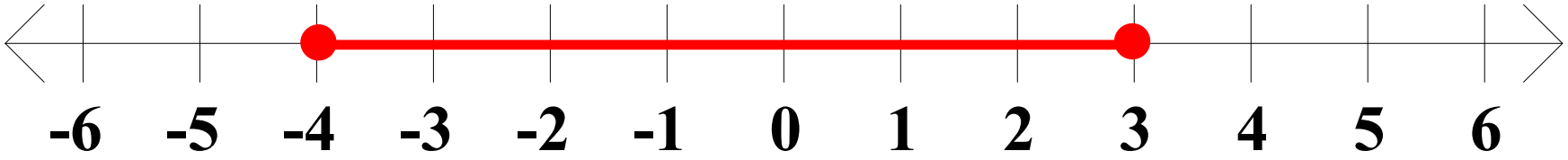

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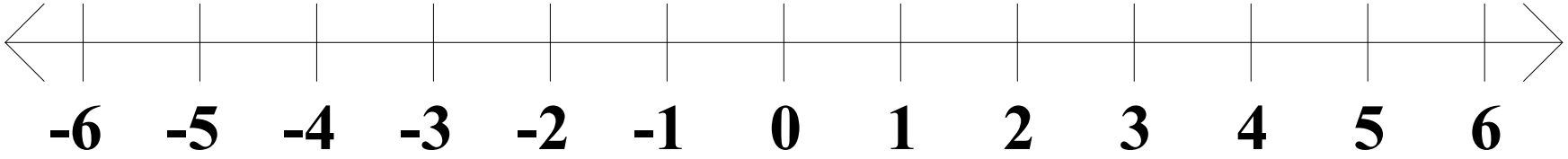

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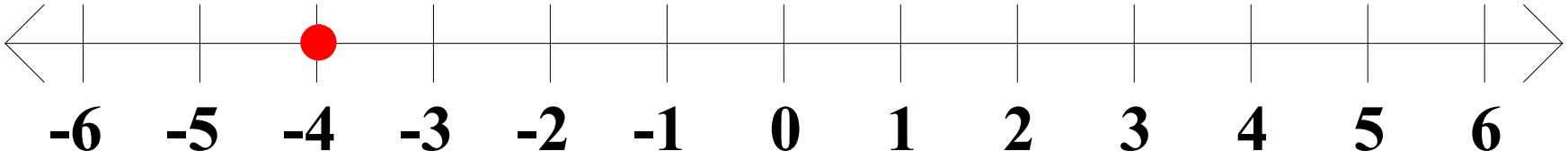

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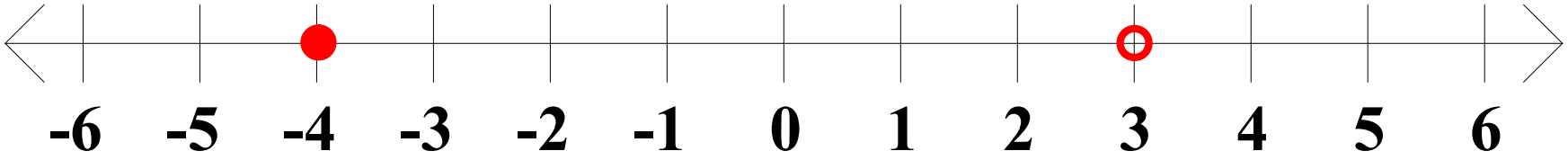

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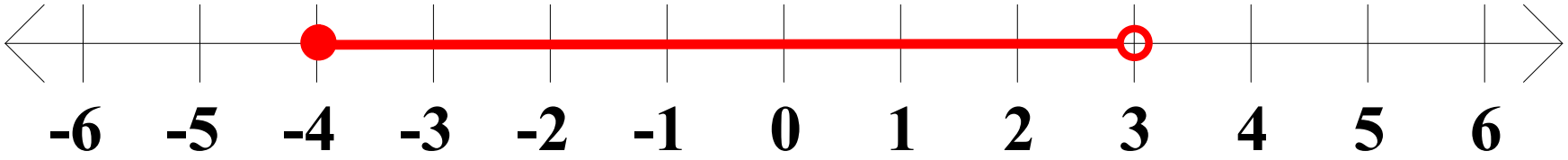

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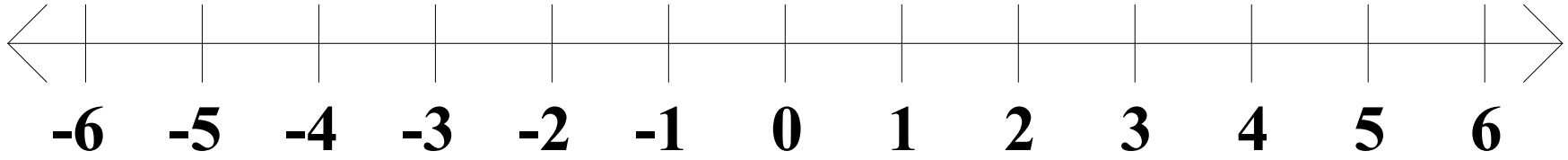

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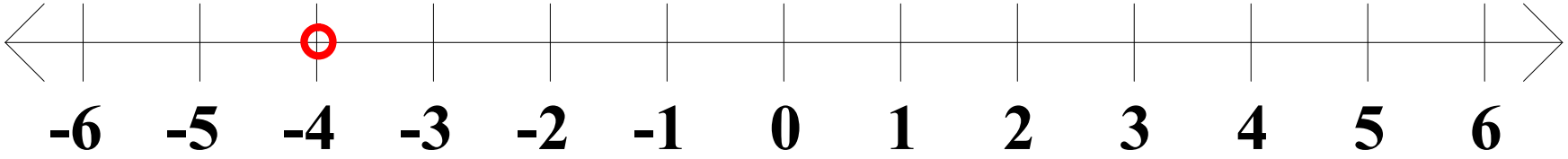

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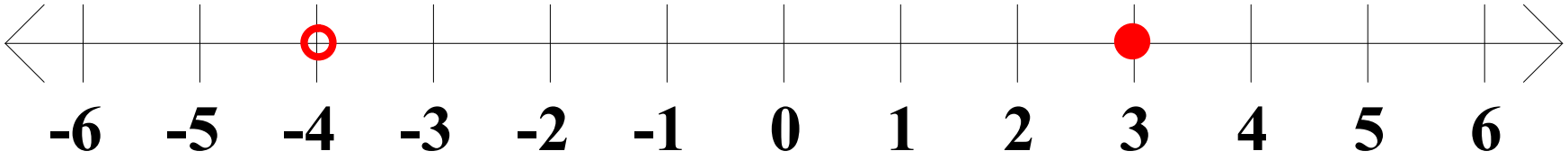

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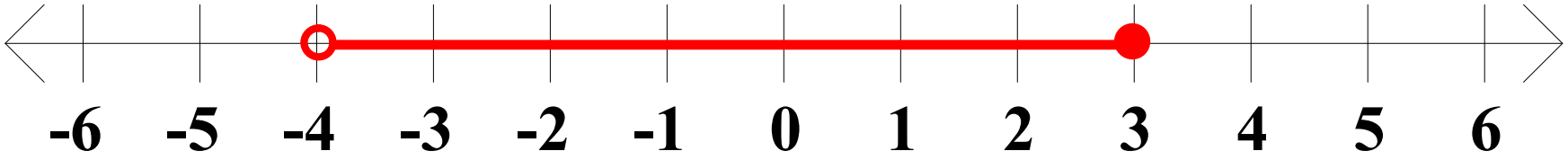

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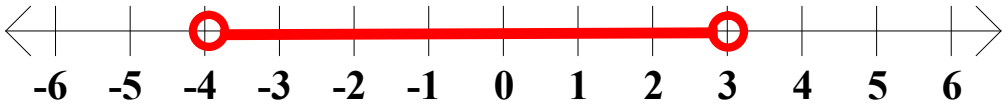

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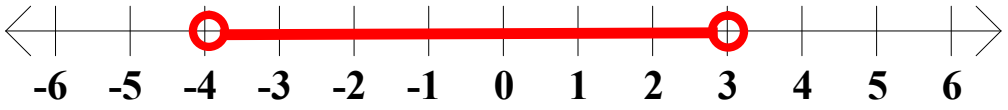

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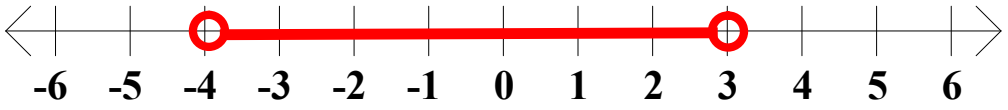

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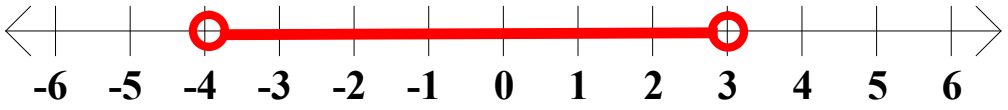

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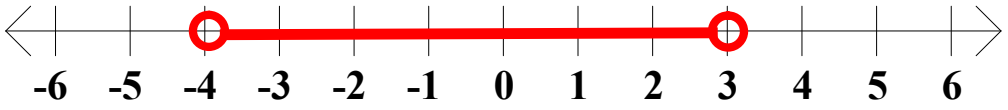

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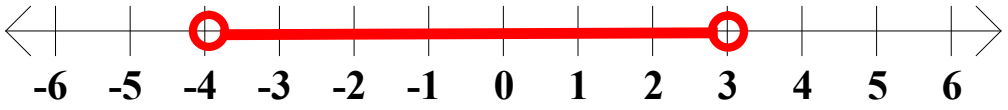

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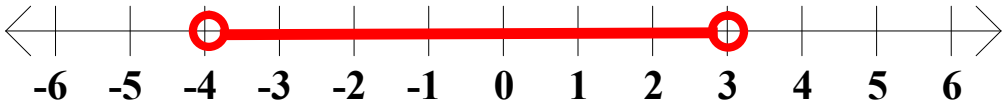

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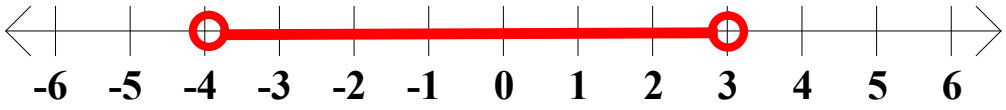

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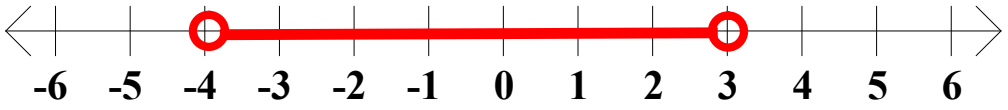

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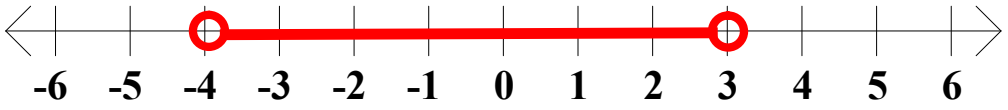

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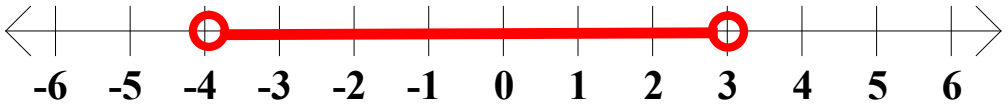

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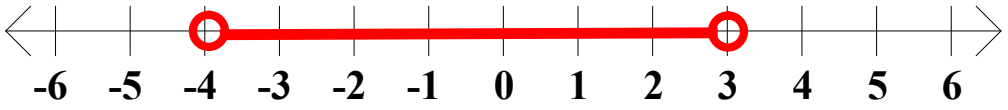

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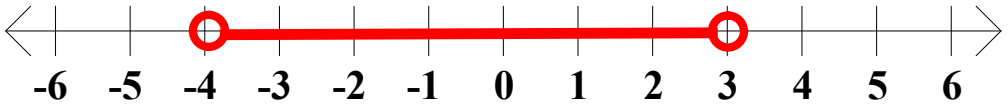

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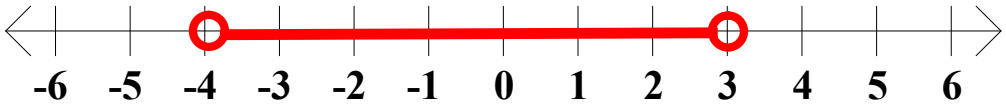

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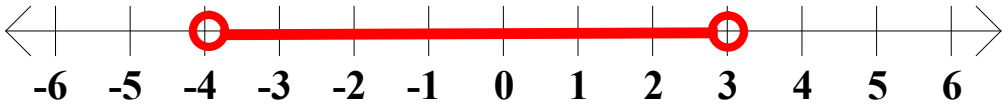

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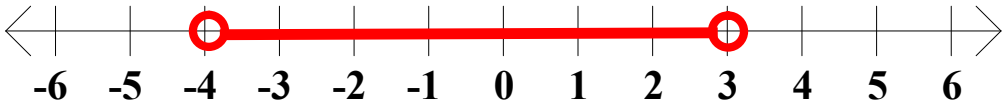

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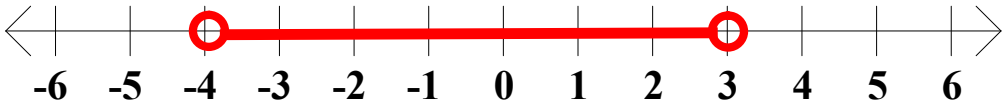

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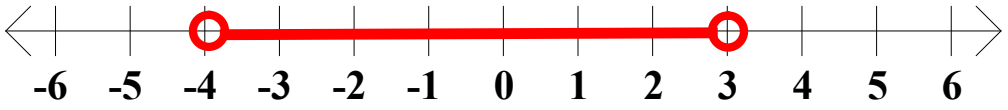

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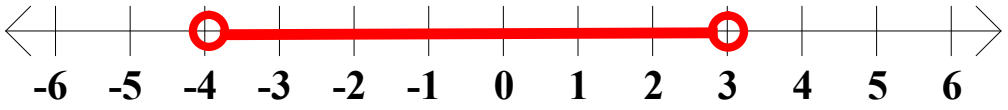

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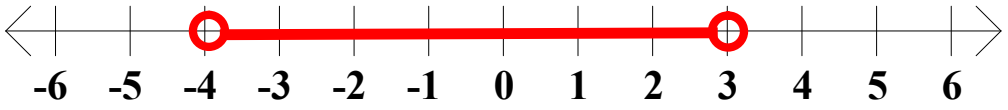

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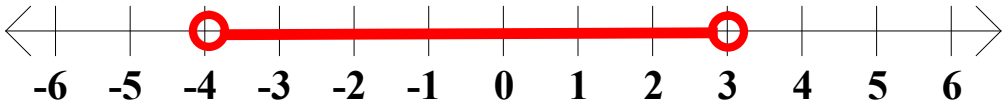

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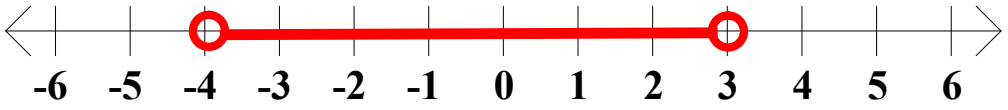

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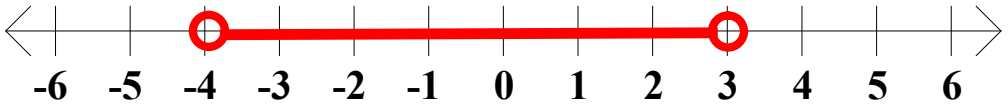

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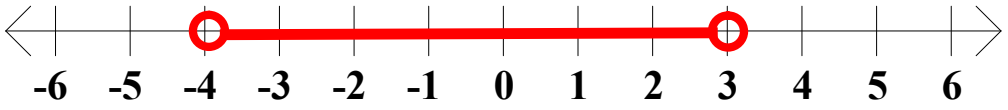

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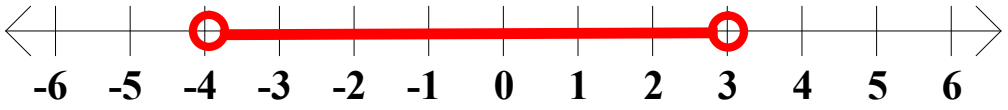

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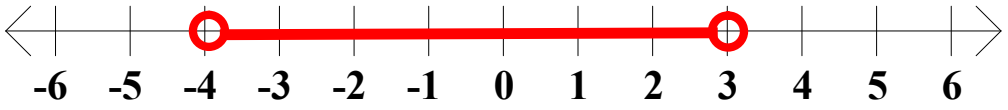

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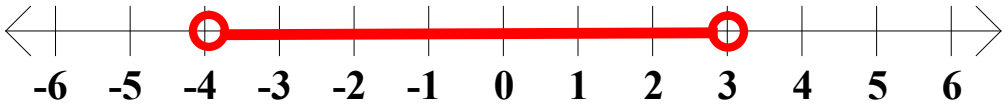

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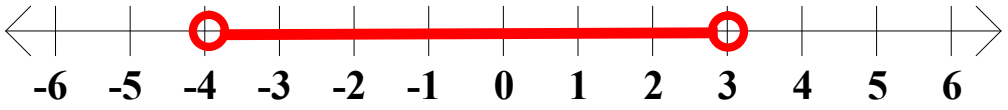

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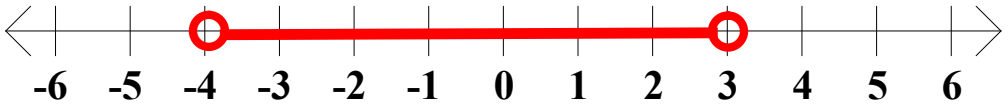

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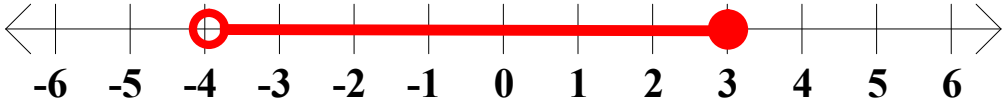

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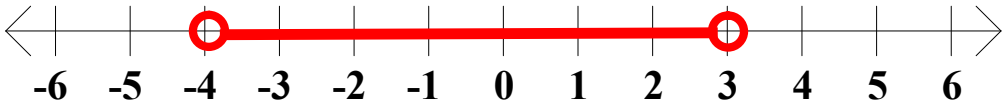

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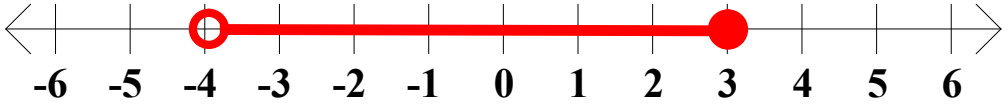

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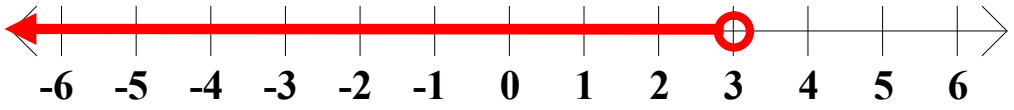

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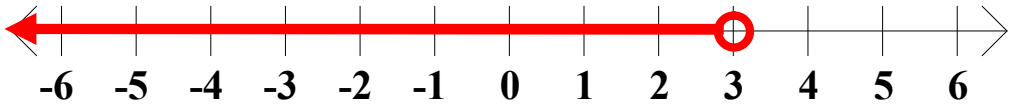

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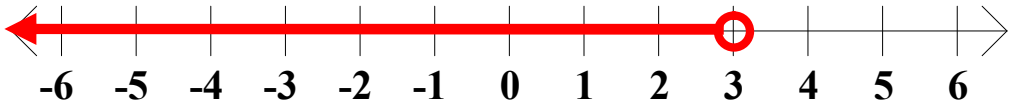

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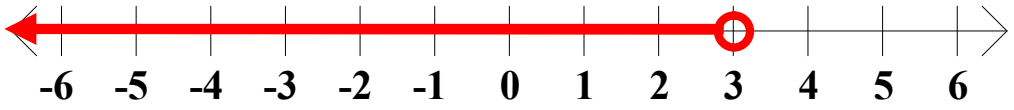

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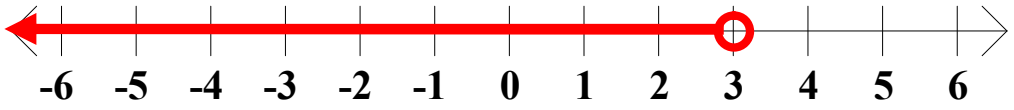

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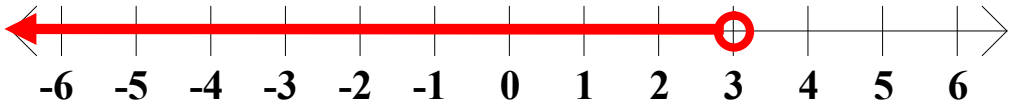

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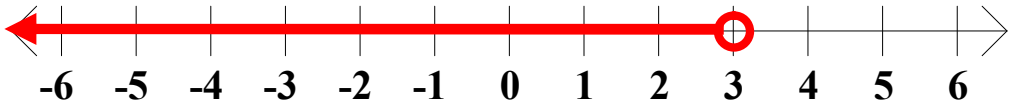

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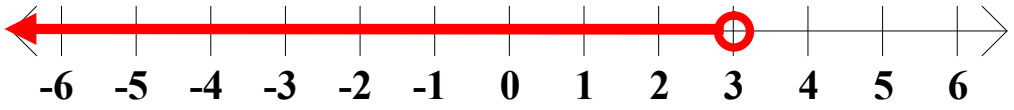

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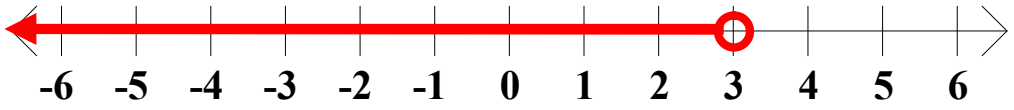

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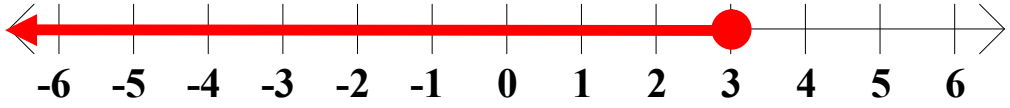

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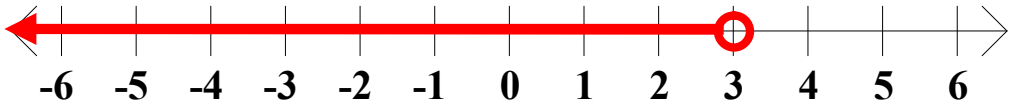

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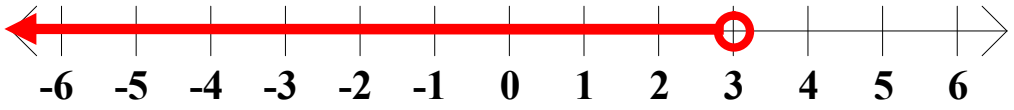

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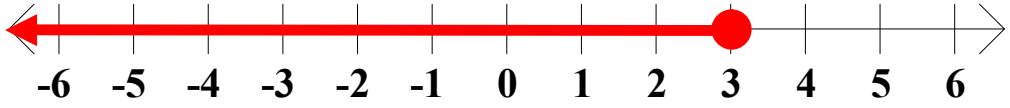

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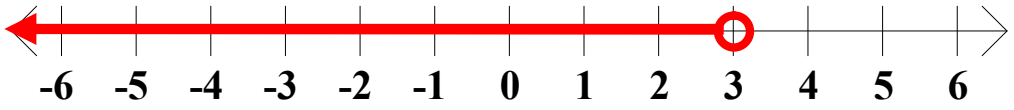

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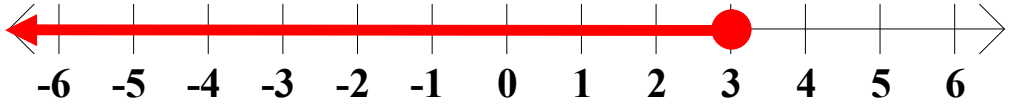

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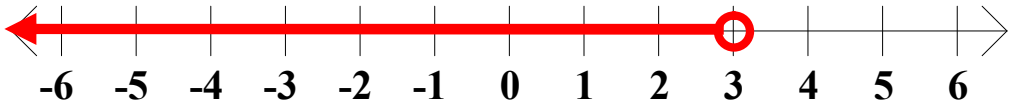

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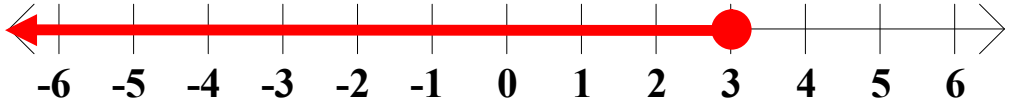

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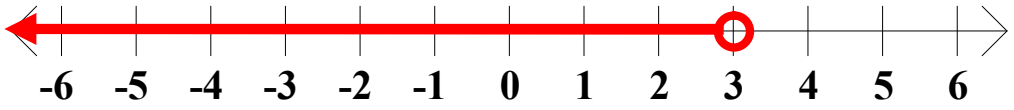

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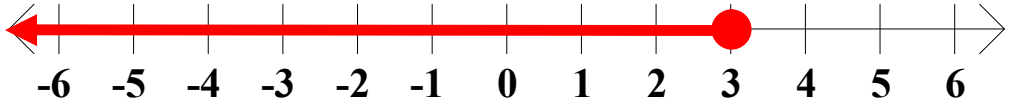

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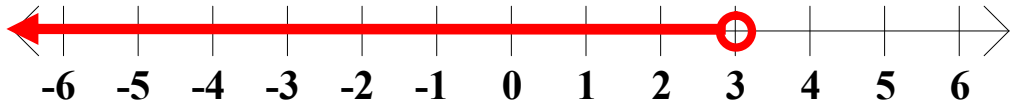

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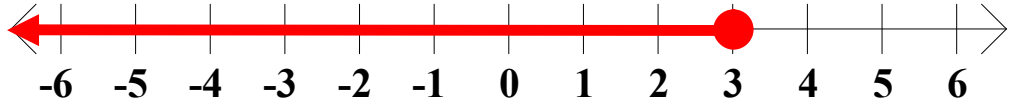

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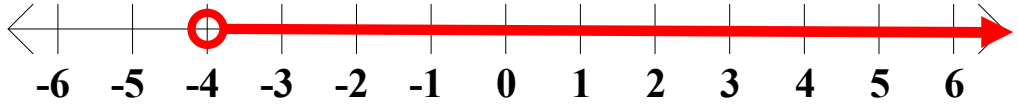

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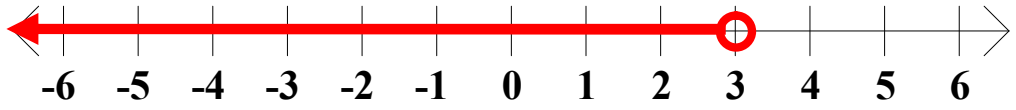

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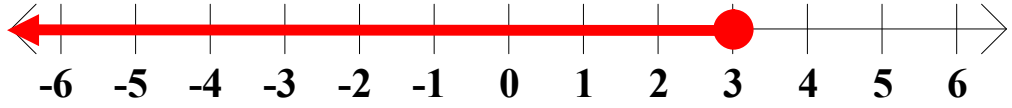

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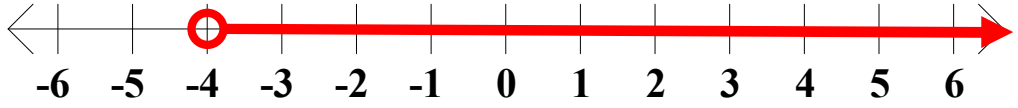

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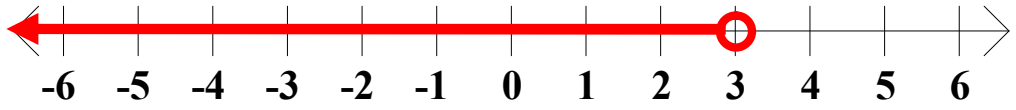

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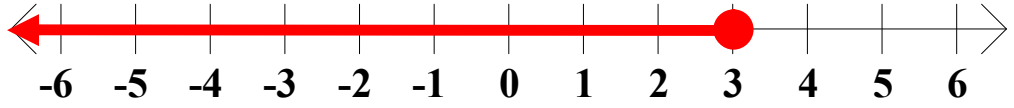

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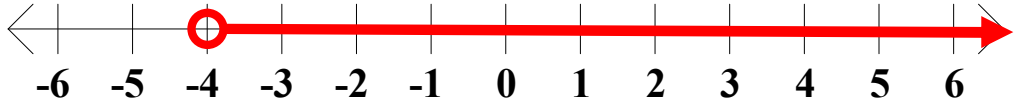

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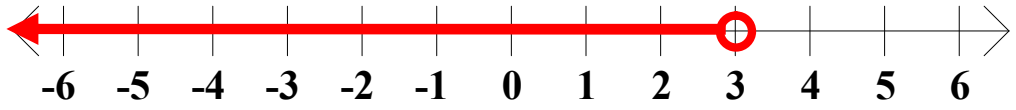

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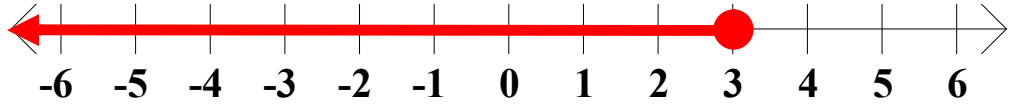

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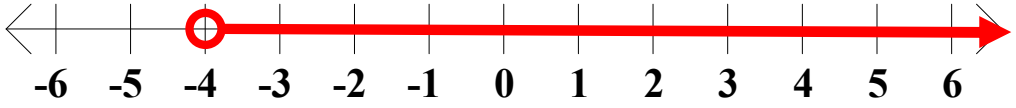

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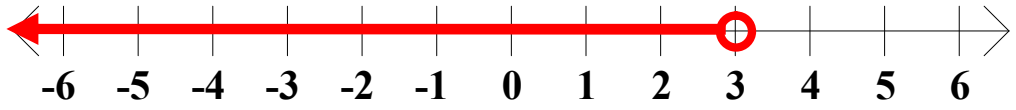

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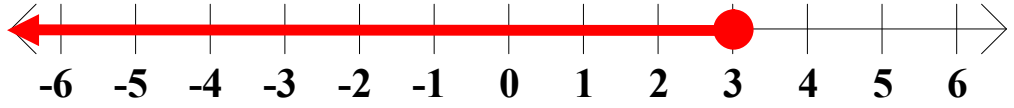

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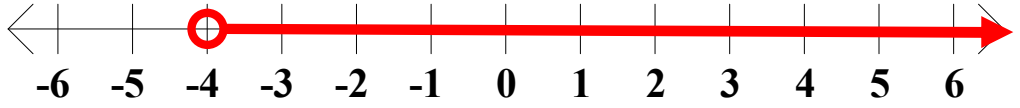

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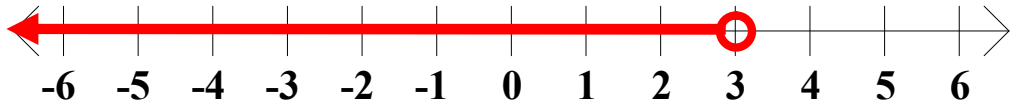

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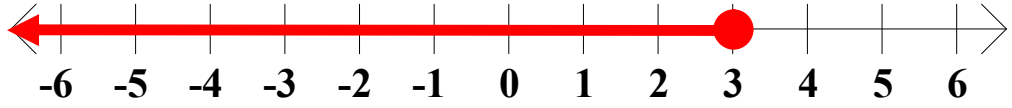

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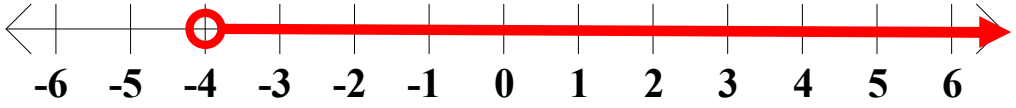

General Algebra II Unit 1 Intervals

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Unbounded intervals have less than two endpoints.

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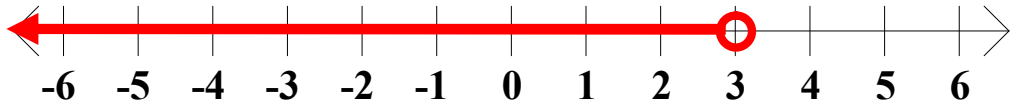

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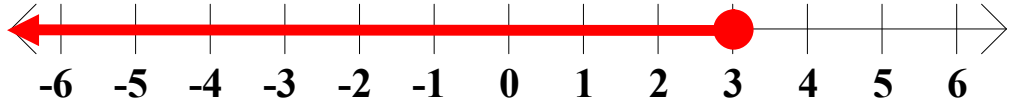

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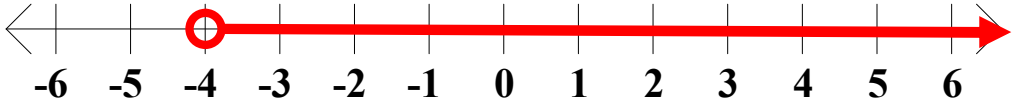

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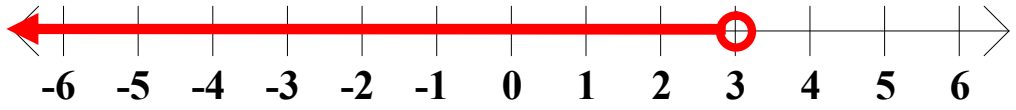

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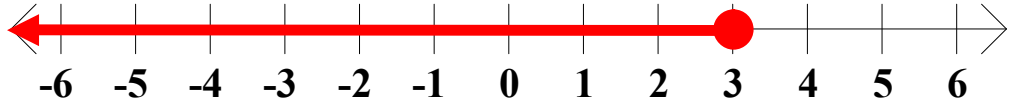

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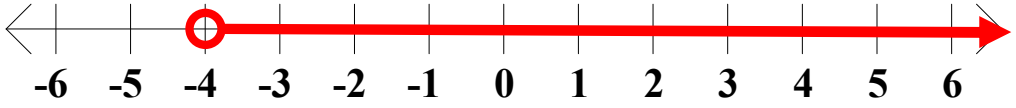

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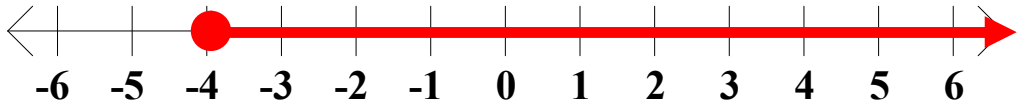

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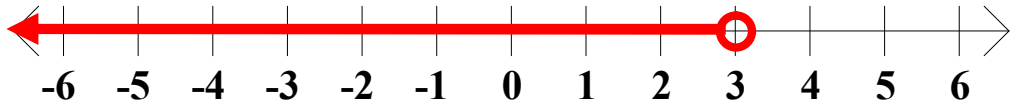

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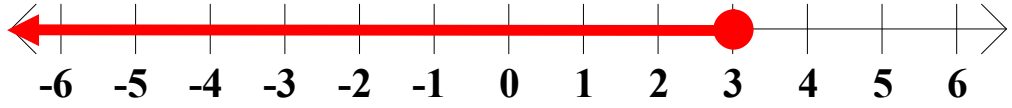

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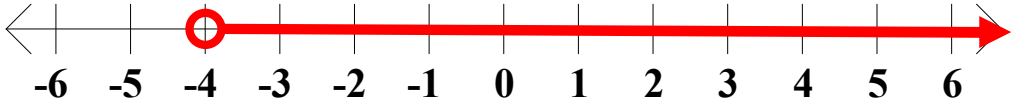

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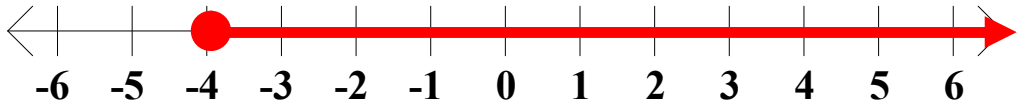

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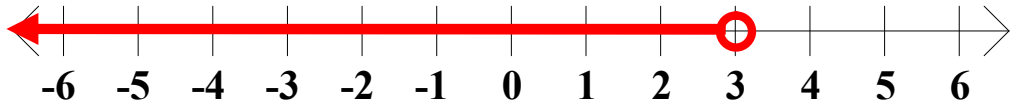

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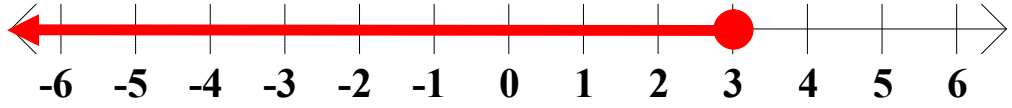

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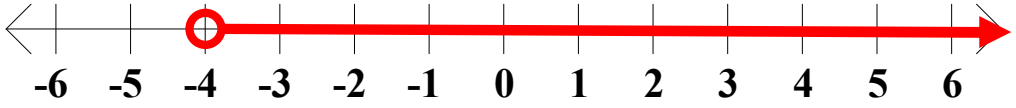

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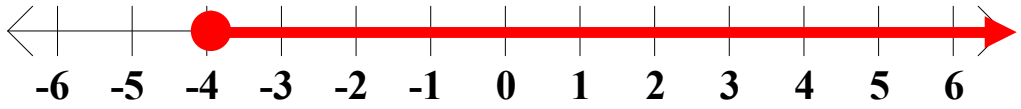

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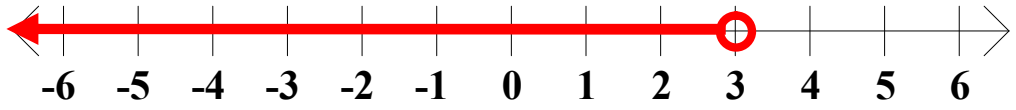

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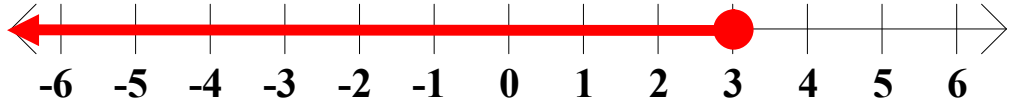

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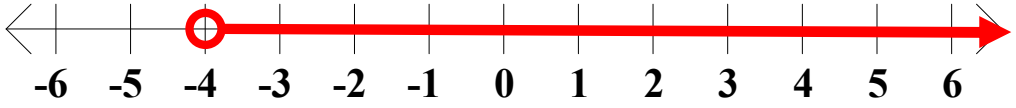

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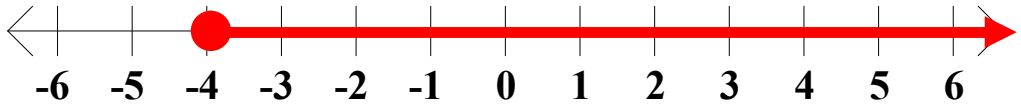

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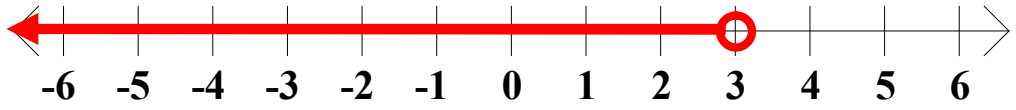

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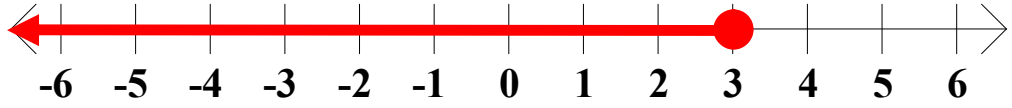

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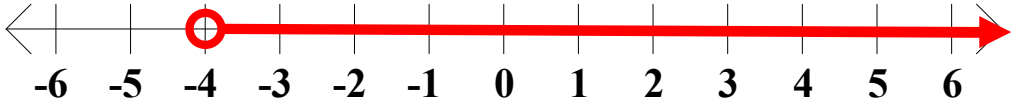

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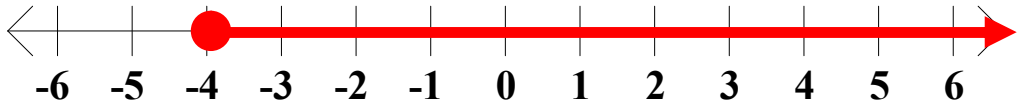

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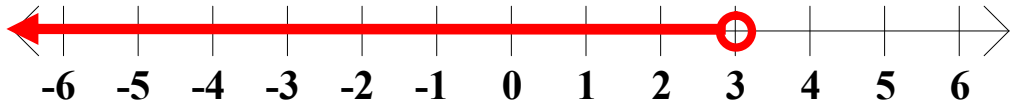

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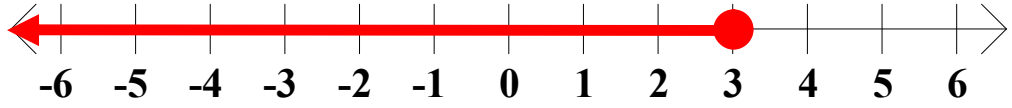

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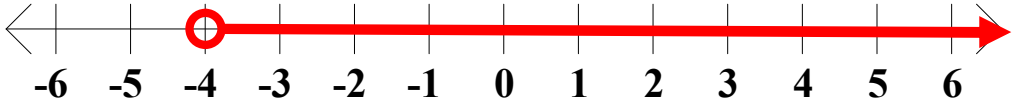

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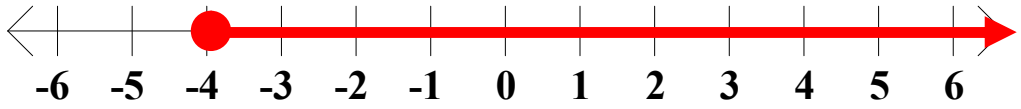

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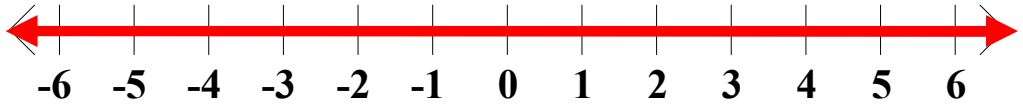

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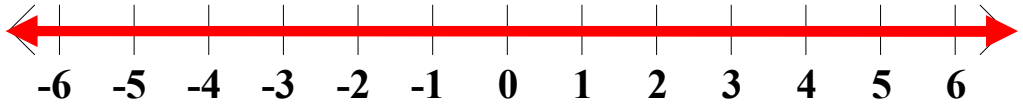

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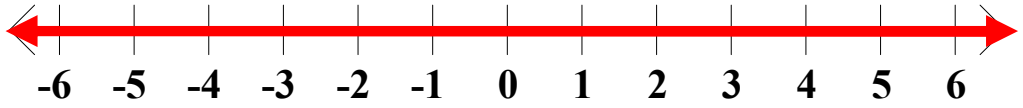

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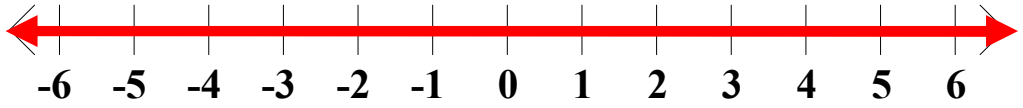

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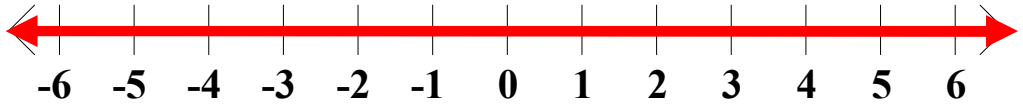

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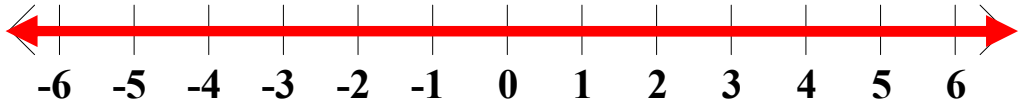

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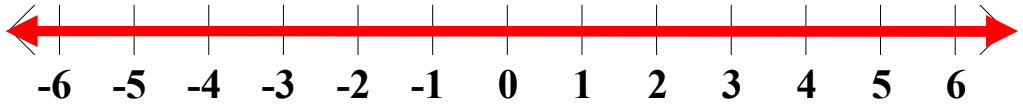

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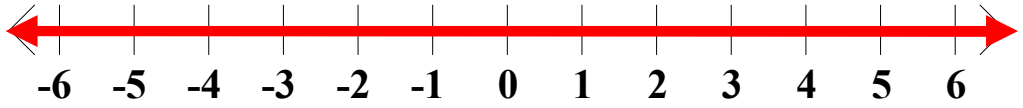

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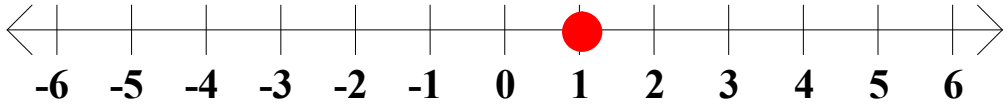

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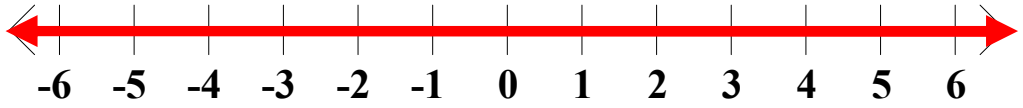

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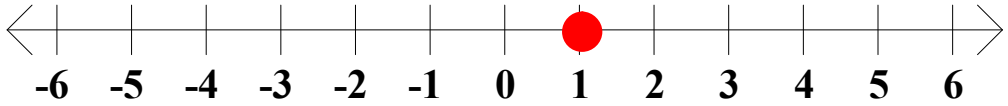

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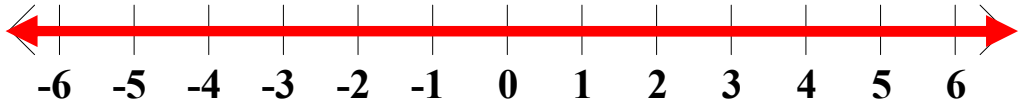

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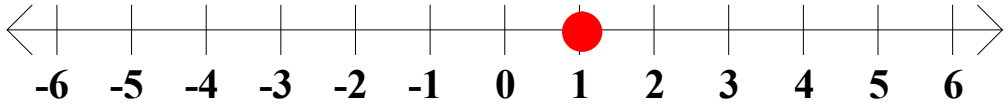

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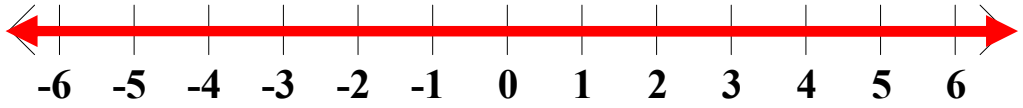

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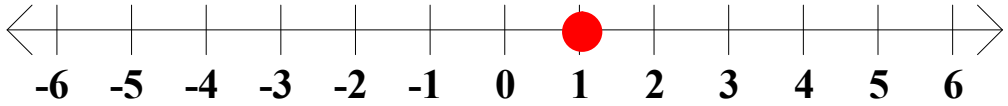

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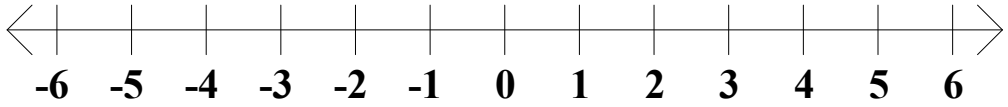

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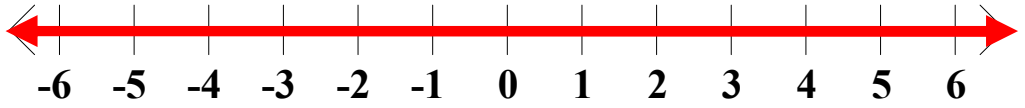

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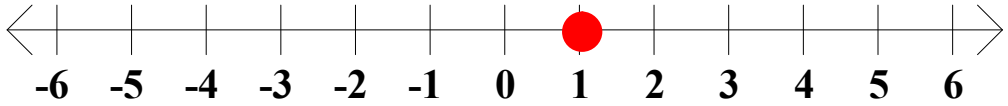

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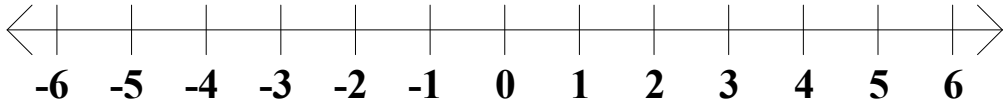
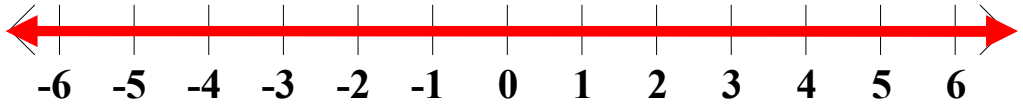


General Algebra II Unit 1 Intervals

Interval Notation: Intervals can be defined using special notation. There are three other intervals to consider.

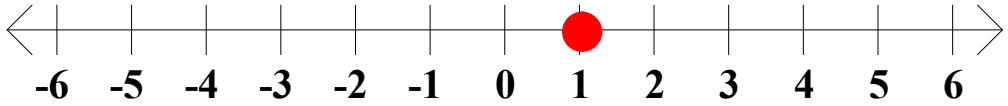
1. The entire set of real numbers is an unbounded interval.

$$\mathbf{S = (-\infty, \infty)}$$



2. A set containing exactly one number is an interval.

$$\mathbf{S = \{\ 1\ \}}$$



3. The null set is considered to be an interval.

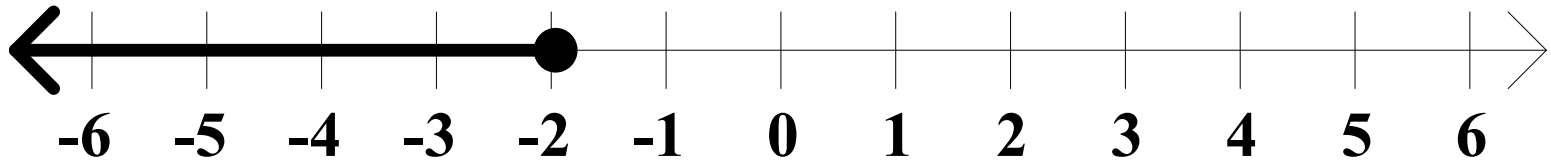
$$\mathbf{S = \{\ \}\ or\ S = \varnothing}$$

General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) _____

(b) _____

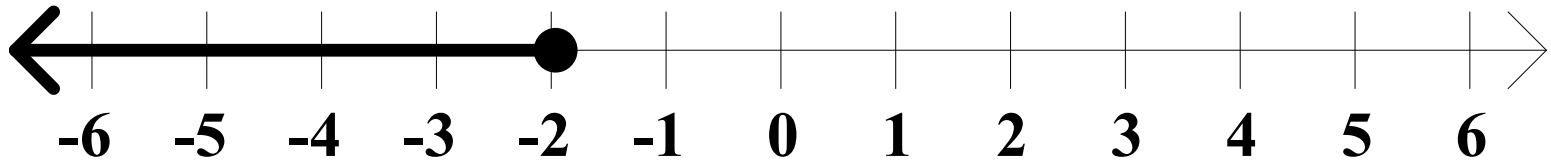


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) x _____

(b) _____

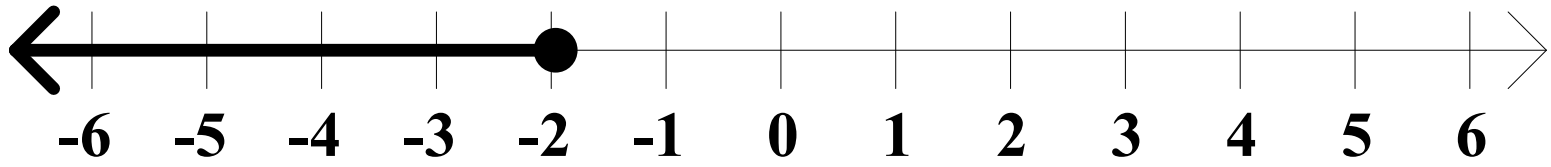


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) $x \leq$ _____

(b) _____

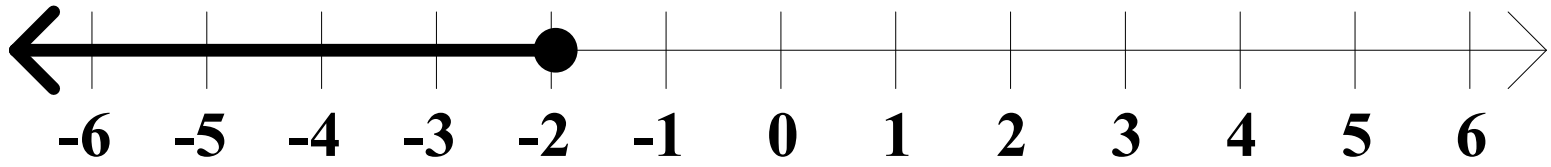


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) $x \leq -2$

(b) _____



General Algebra II CWS #2 Unit 1

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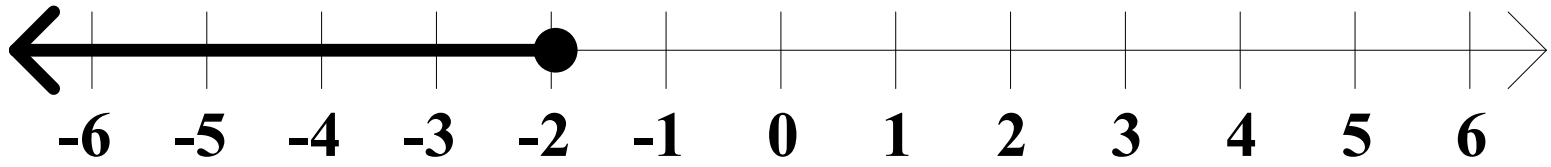
1. (a) $x \leq -2$

(b) (

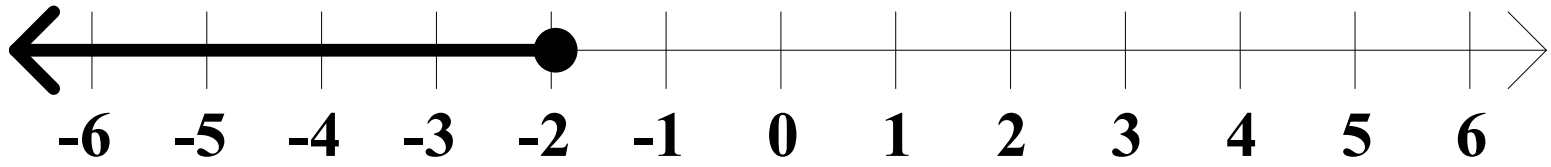


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) $x \leq -2$

(b) $(-\infty$



General Algebra II CWS #2 Unit 1

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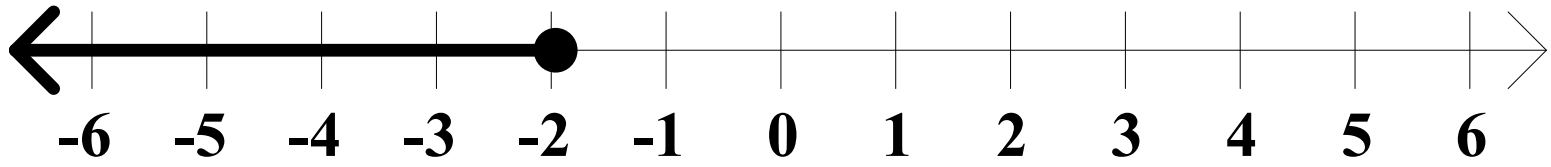
(b) $(-\infty,$

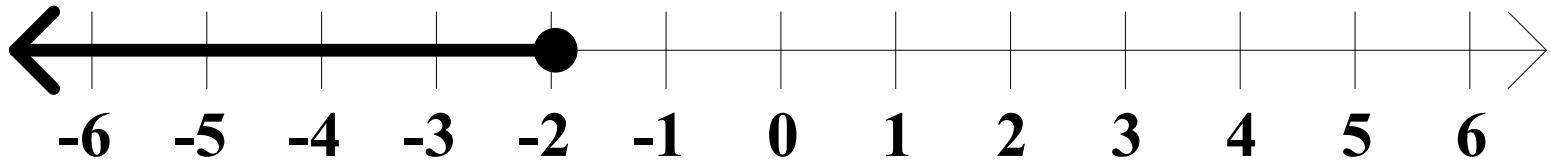


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

1. (a) $x \leq -2$

(b) $(-\infty, -2$



General Algebra II CWS #2 Unit 1

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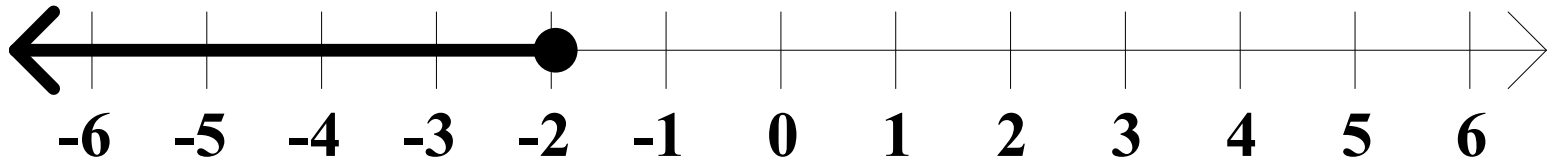
1. (a) $x \leq -2$

(b) $(-\infty, -2]$

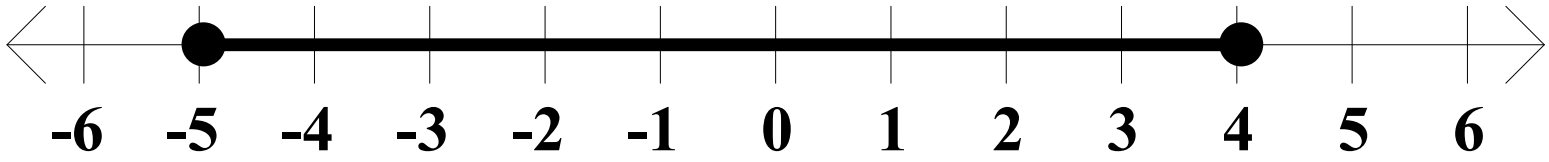


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) _____

(b) _____

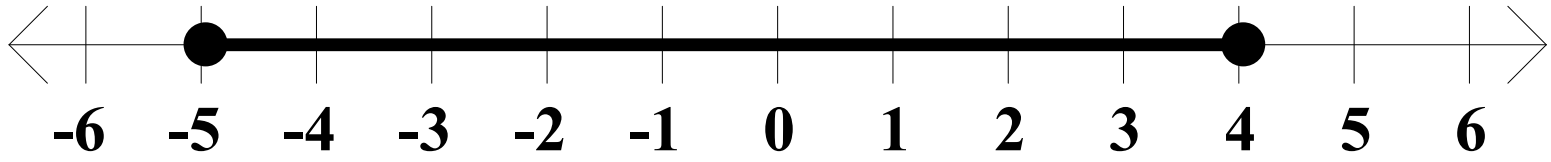


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) **-5** _____

(b) _____

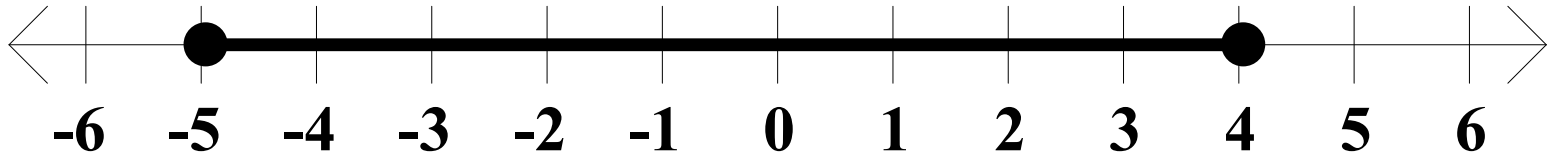


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq$ _____

(b) _____

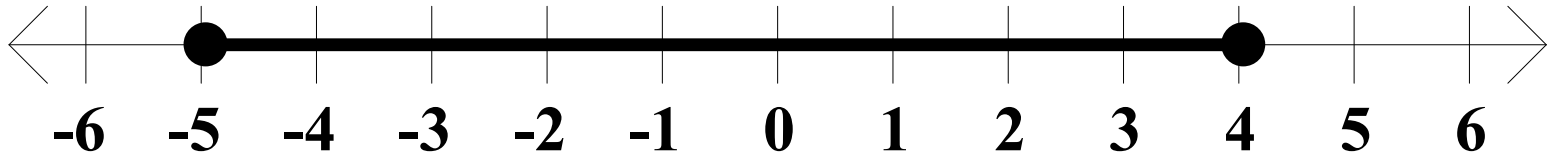


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x$

(b) _____

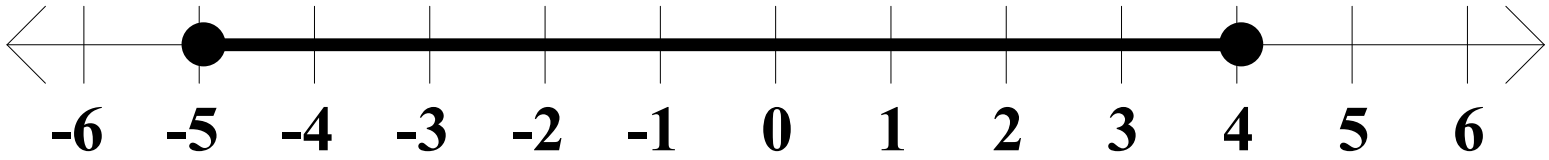


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq$ _____

(b) _____

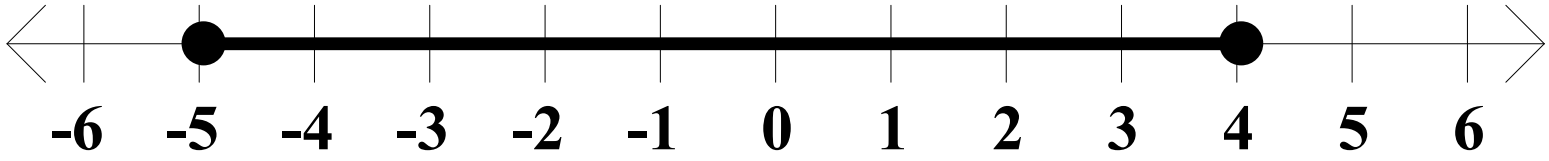


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) _____

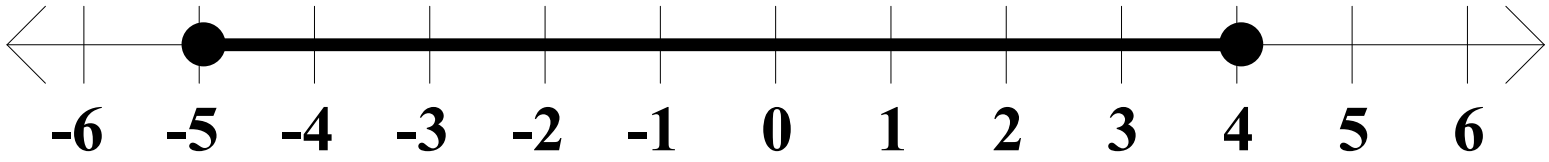


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) [

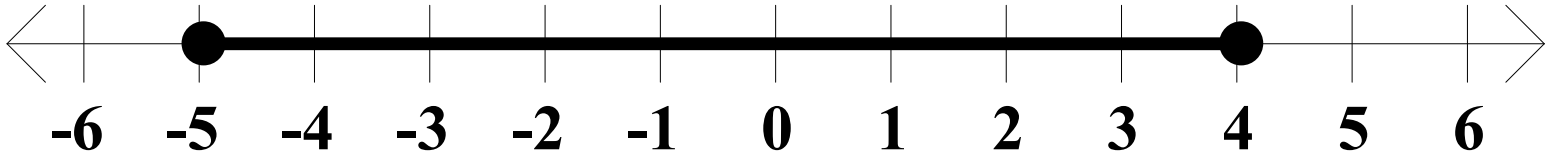


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) $[-5$

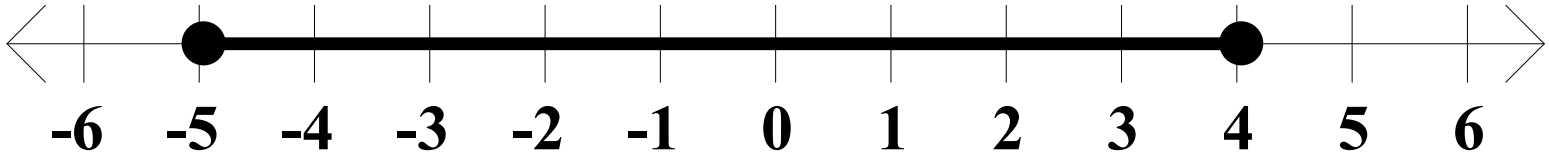


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) $[-5, \quad$

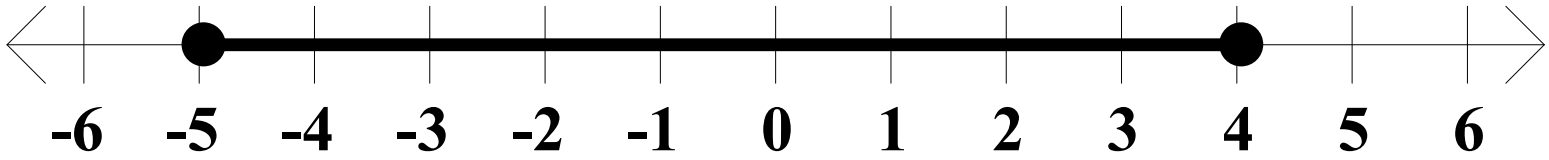


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) $[-5, 4$

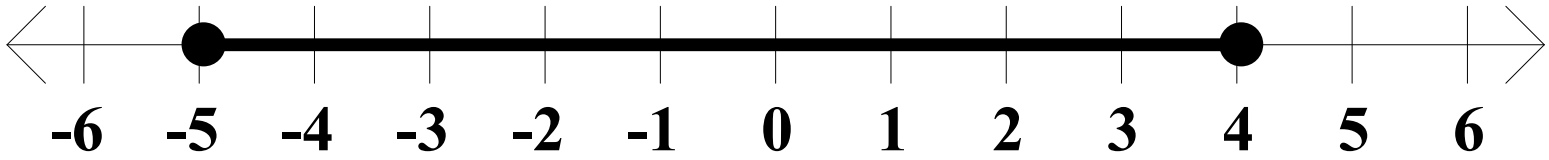


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

2. (a) $-5 \leq x \leq 4$

(b) $[-5, 4]$

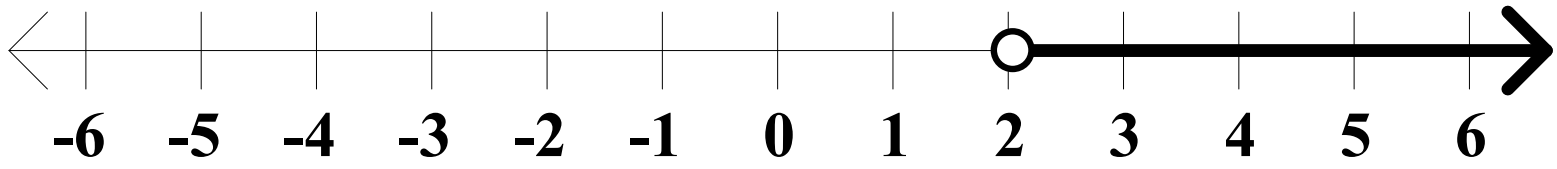


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) _____

(b) _____

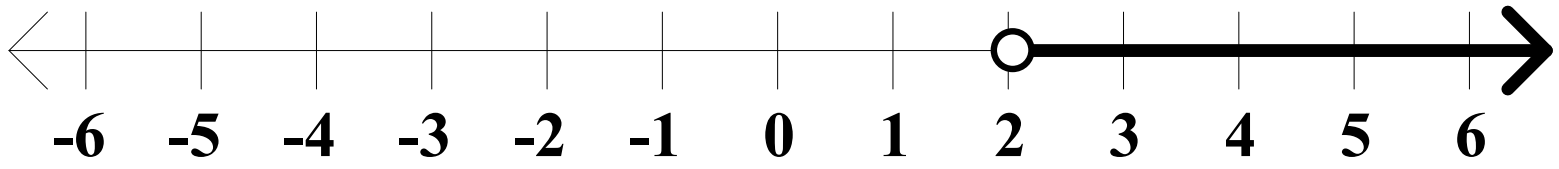


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) x

(b) _____

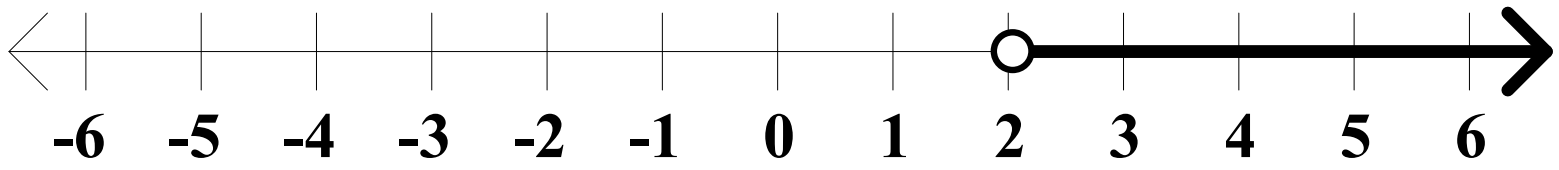


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) **x >** _____

(b) _____

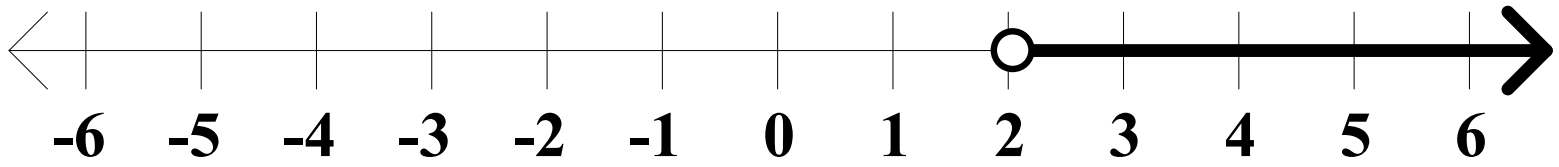


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) $x > 2$

(b) _____

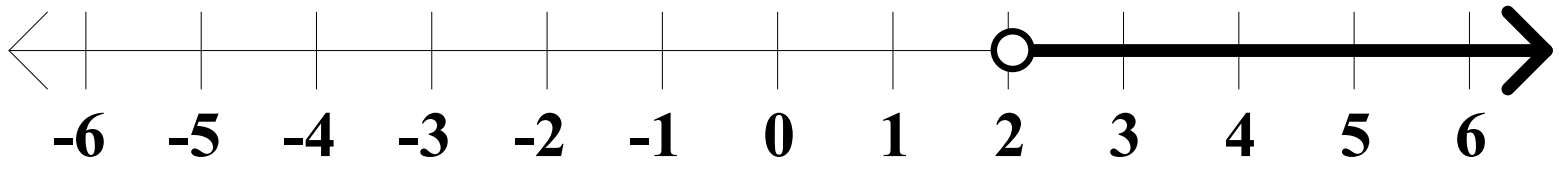


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) $x > 2$

(b) (

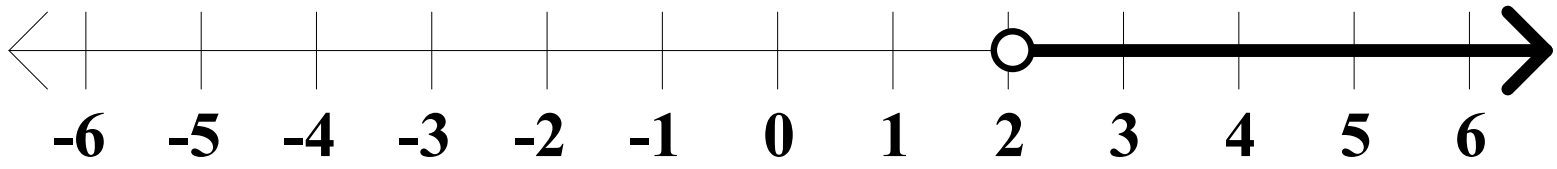


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) $x > 2$

(b) $(2$

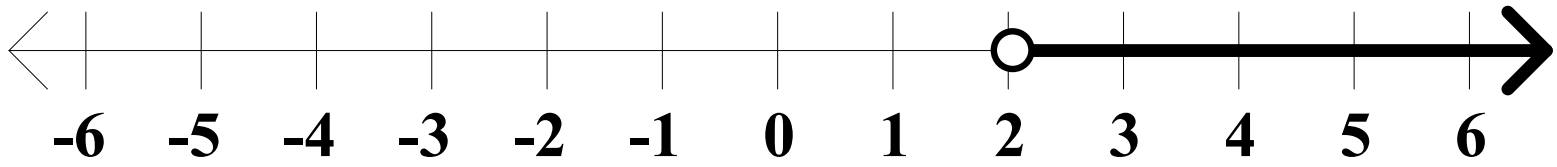


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) $x > 2$

(b) $(2, \quad)$

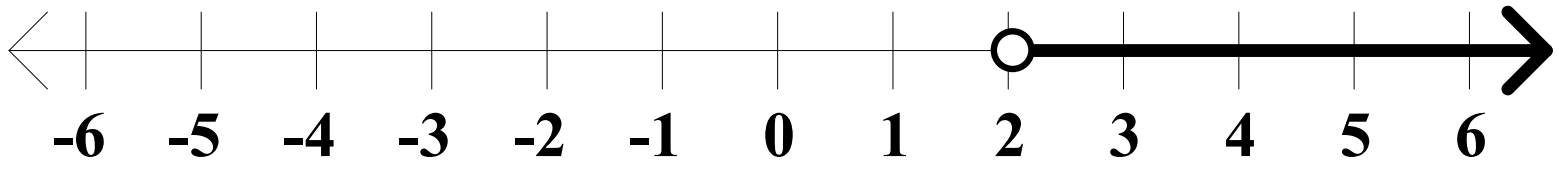


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

3. (a) $x > 2$

(b) $(2, \infty$



General Algebra II CWS #2 Unit 1

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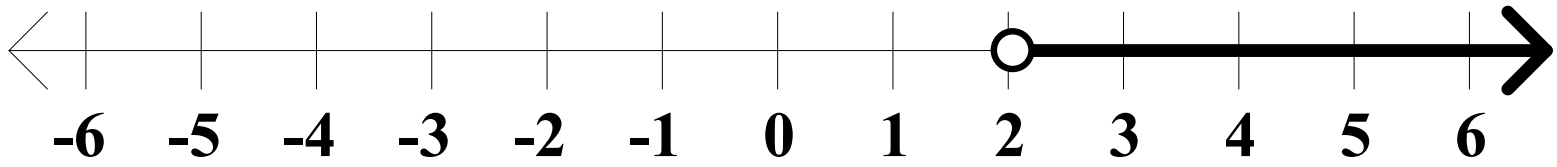
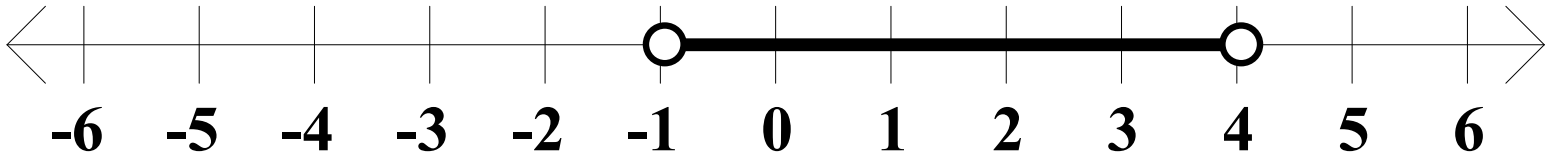


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) _____

(b) _____

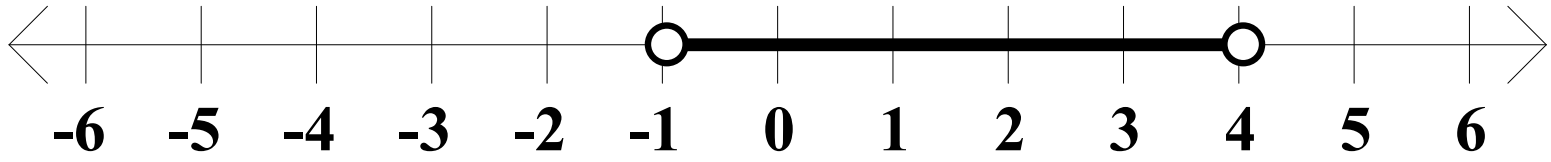


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) **-1** _____

(b) _____

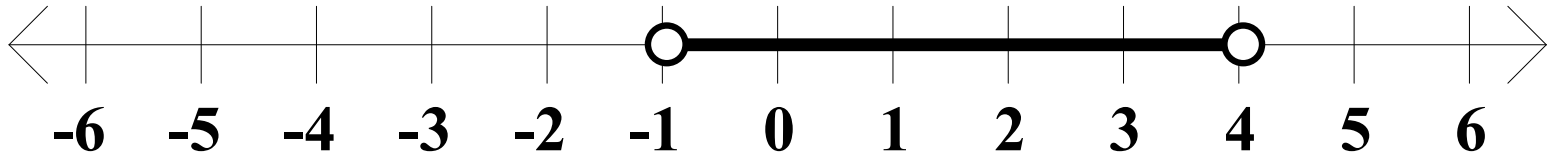


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) $-1 <$ _____

(b) _____

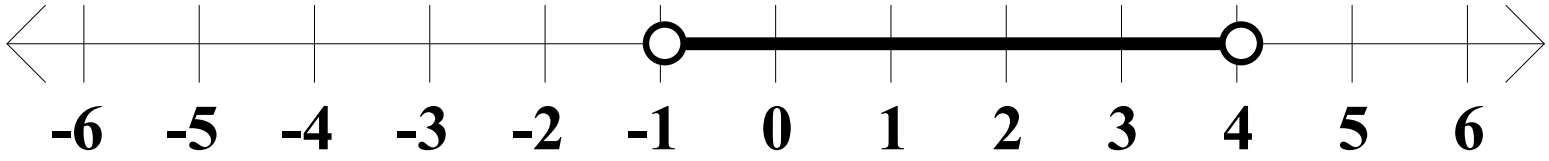


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) $-1 < x$

(b) _____



General Algebra II CWS #2 Unit 1

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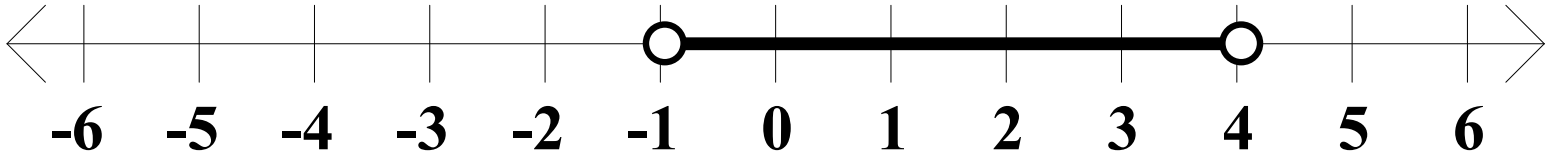
4. (a) $-1 < x <$ _____

(b) _____

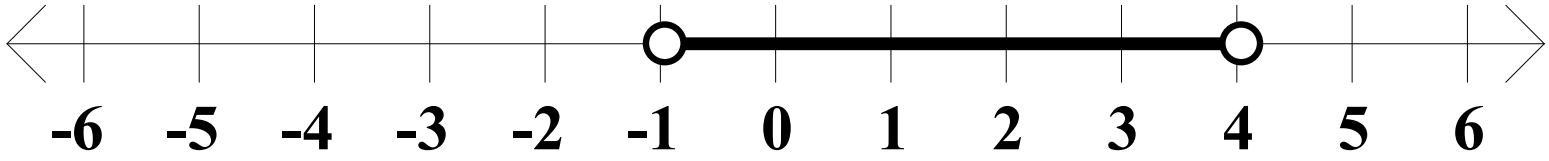


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) $-1 < x < 4$

(b) _____



General Algebra II CWS #2 Unit 1

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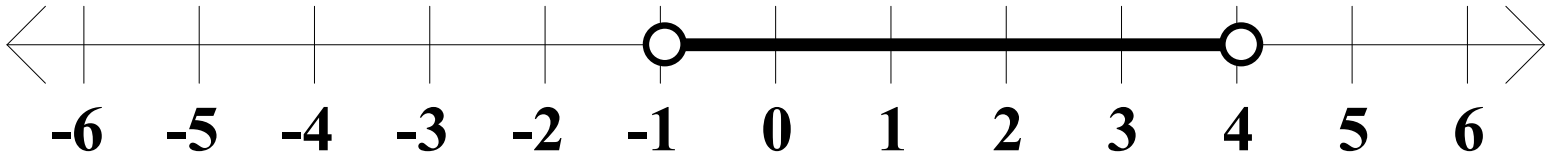
4. (a) $-1 < x < 4$

(b) (

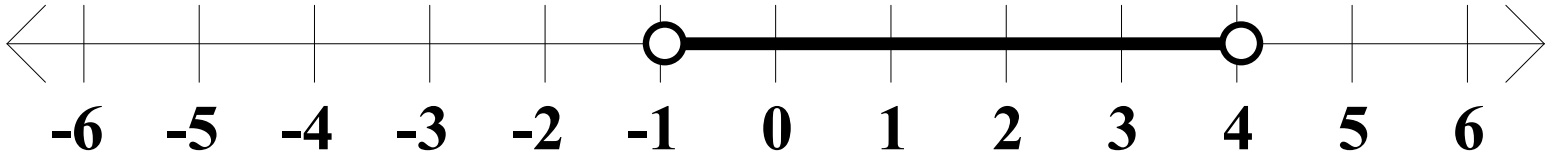


General Algebra II CWS #2 Unit 1

For each of the following graphs, (a) write an appropriate inequality and (b) represent the graph using interval notation.

4. (a) $-1 < x < 4$

(b) $(-1$



General Algebra II CWS #2 Unit 1

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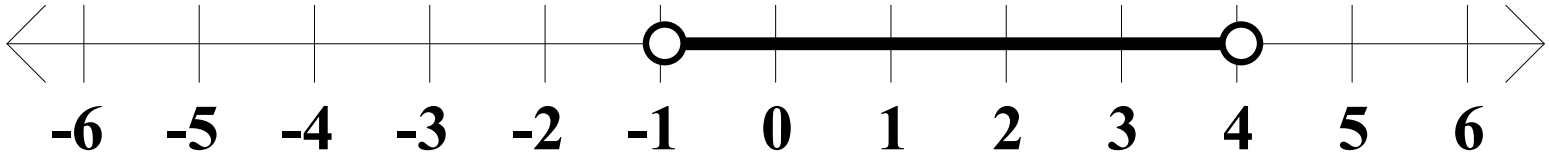
4. (a) $-1 < x < 4$

(b) $(-1, $



General Algebra II CWS #2 Unit 1

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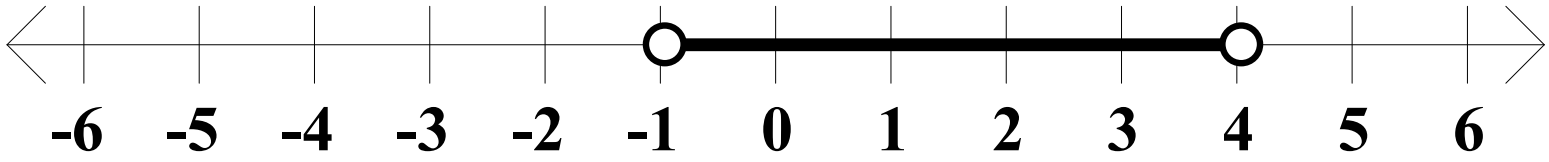
4. (a) $-1 < x < 4$

(b) $(-1, 4$



General Algebra II CWS #2 Unit 1

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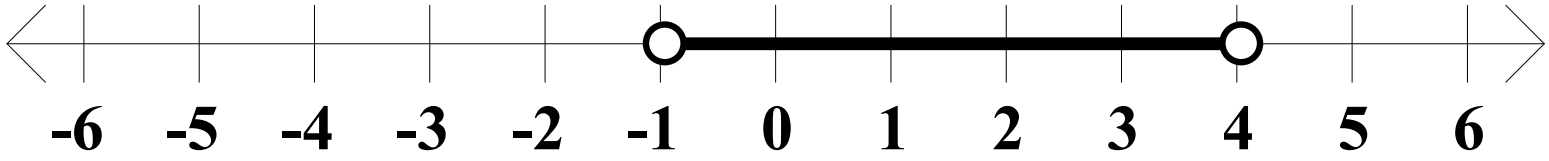
4. (a) $-1 < x < 4$

(b) $(-1, 4)$



General Algebra II CWS #2 Unit 1

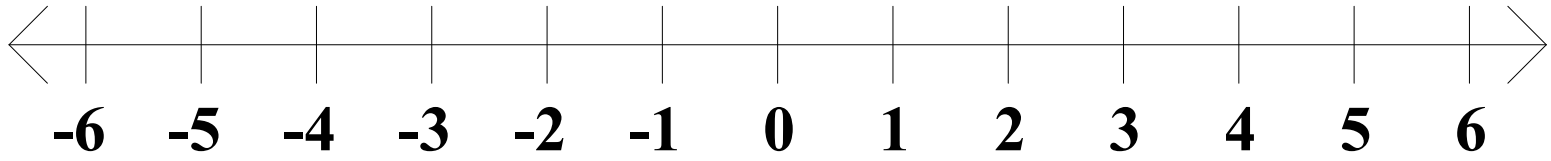
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

5. $(-2 , \infty)$

(a) _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

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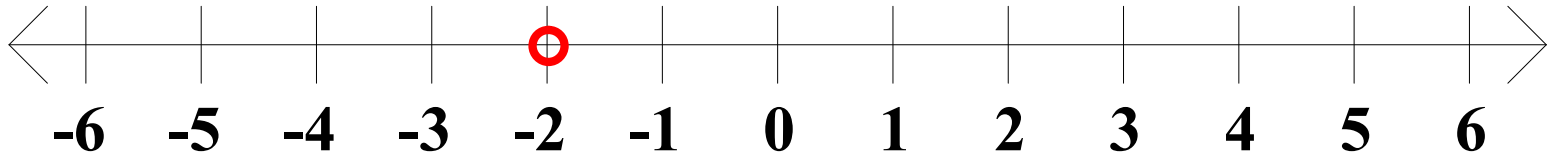

General Algebra II CWS #2 Unit 1

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(a) _____

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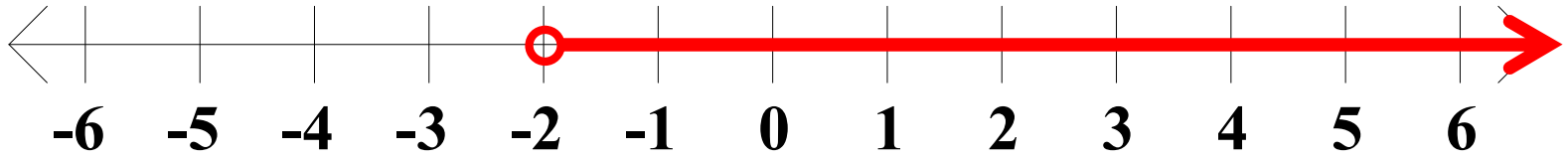
(c)



General Algebra II CWS #2 Unit 1

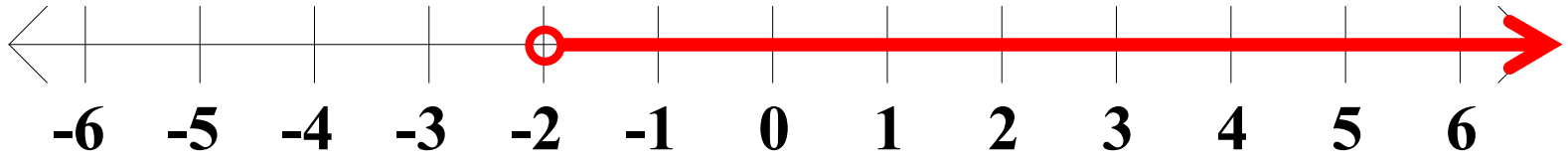
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

5. $(-2 , \infty)$

(a) x

(b) _____

(c)



General Algebra II CWS #2 Unit 1

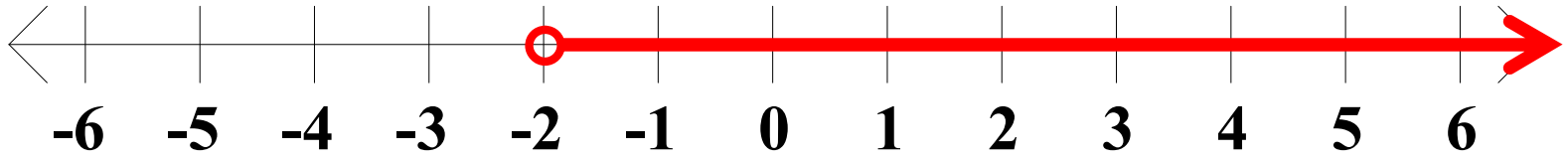
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

5. $(-2 , \infty)$

(a) $x >$ _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

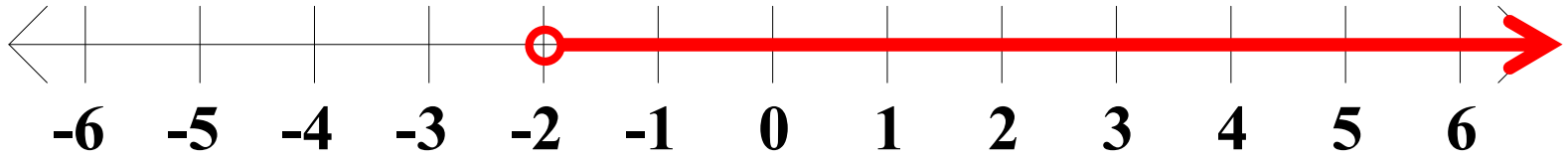
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

5. $(-2 , \infty)$

(a) $x > -2$

(b) _____

(c)



General Algebra II CWS #2 Unit 1

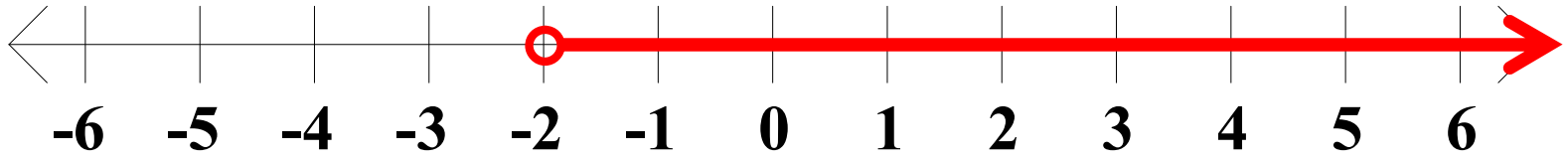
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

5. $(-2 , \infty)$

(a) $x > -2$

(b) unbounded

(c)



General Algebra II CWS #2 Unit 1

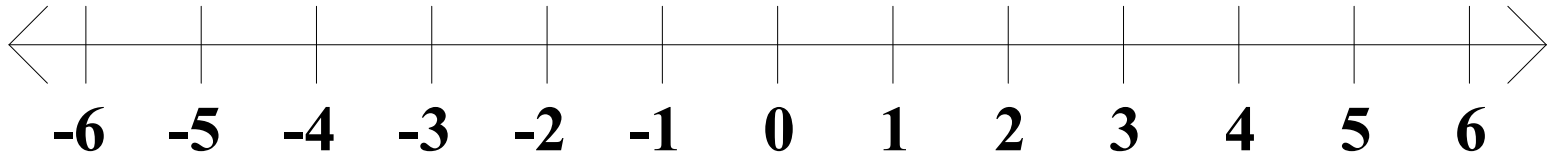
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

6. (3 , 5)

(a) _____

(b) _____

(c)



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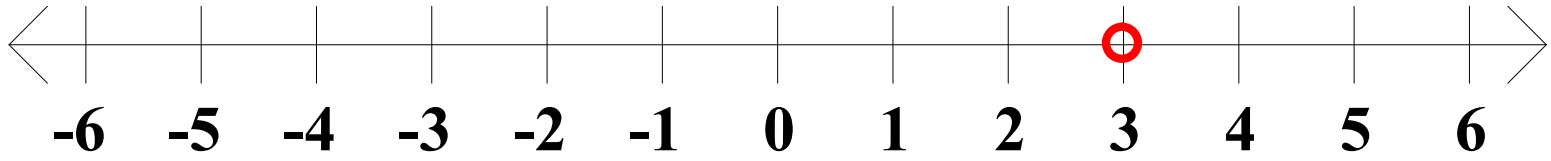
(a) _____

(b) _____

(c)



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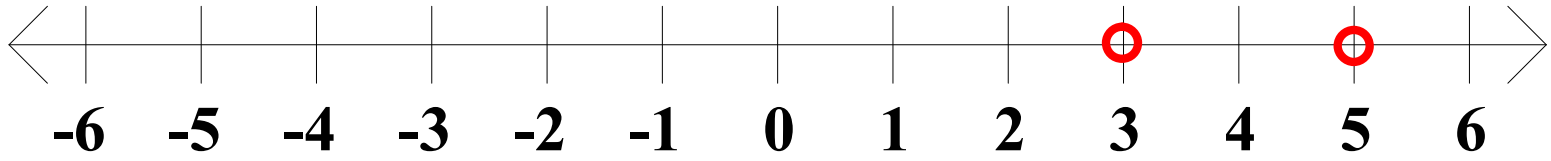
(a) _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

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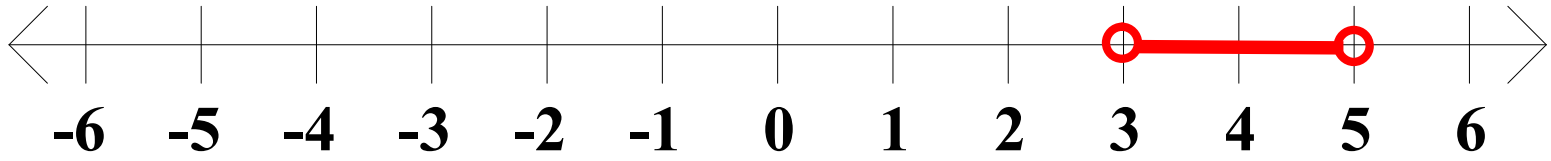
6. (3 , 5)

(a) _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

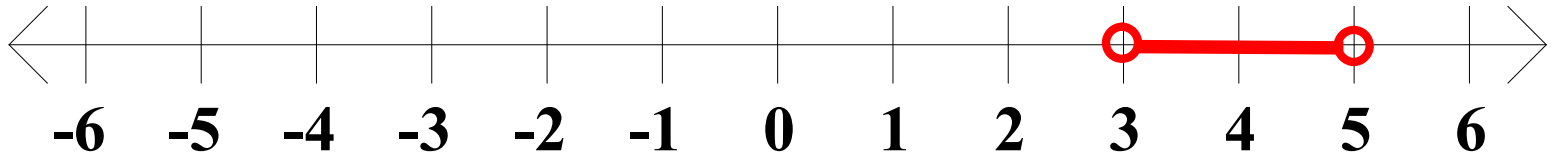
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

6. (3 , 5)

(a) 3

(b) _____

(c)



General Algebra II CWS #2 Unit 1

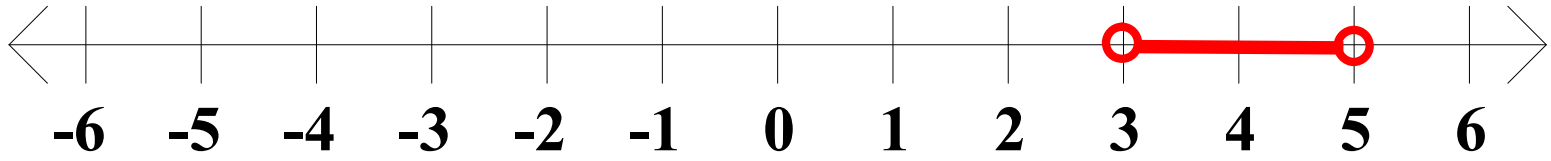
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

6. (3 , 5)

(a) $3 <$ _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

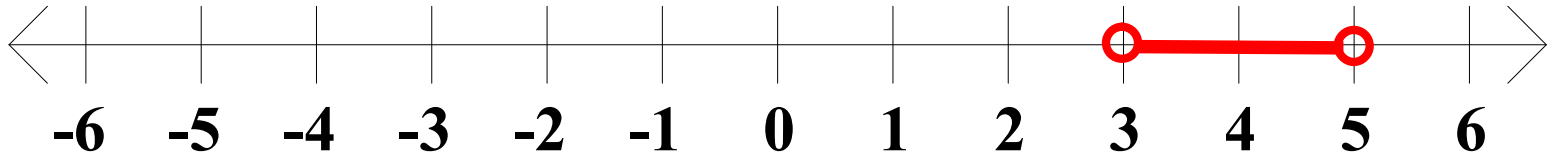
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

6. (3 , 5)

(a) $3 < x$

(b) _____

(c)



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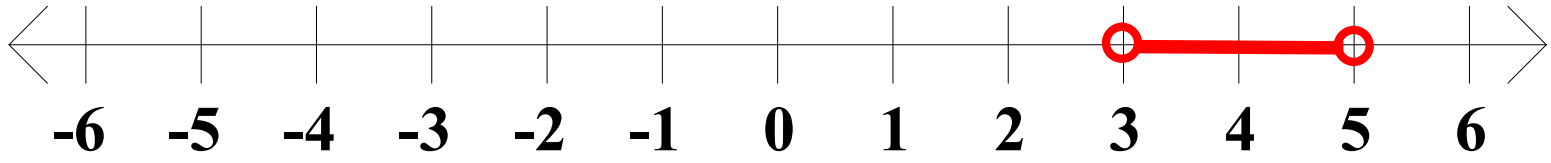
6. (3 , 5)

(a) $3 < x <$ _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

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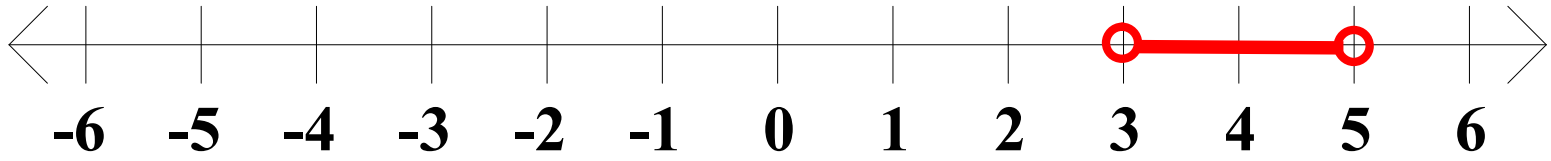
6. (3 , 5)

(a) $3 < x < 5$

(b) _____

(c)



General Algebra II CWS #2 Unit 1

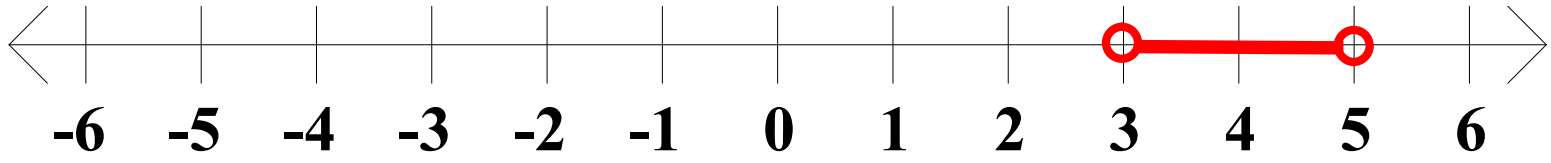
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

6. (3 , 5)

(a) $3 < x < 5$

(b) bounded

(c)



General Algebra II CWS #2 Unit 1

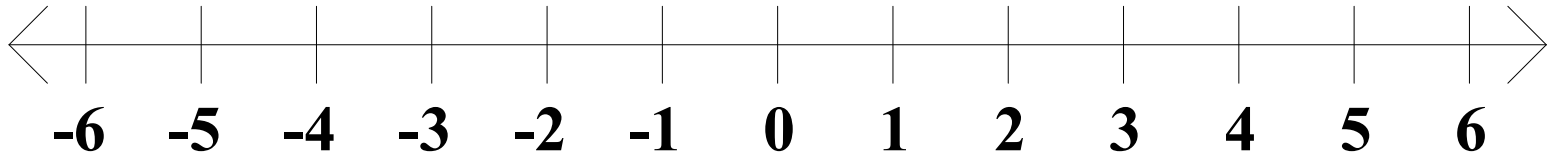
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

7. $(-\infty , 4]$

(a) _____

(b) _____

(c)



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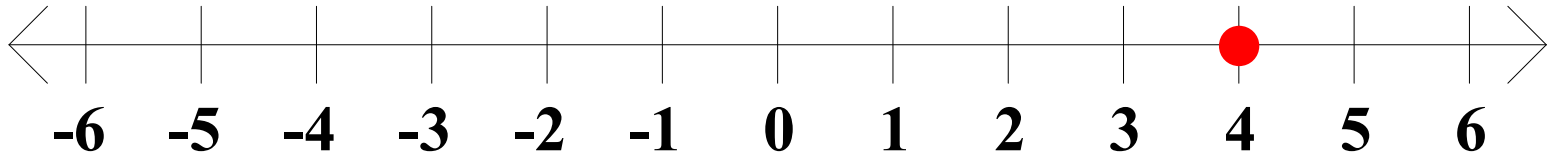
(a) _____

(b) _____

(c)



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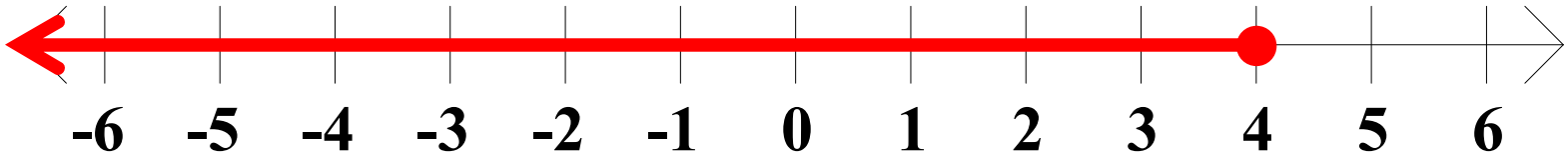
(a) _____

(b) _____

(c)



General Algebra II CWS #2 Unit 1

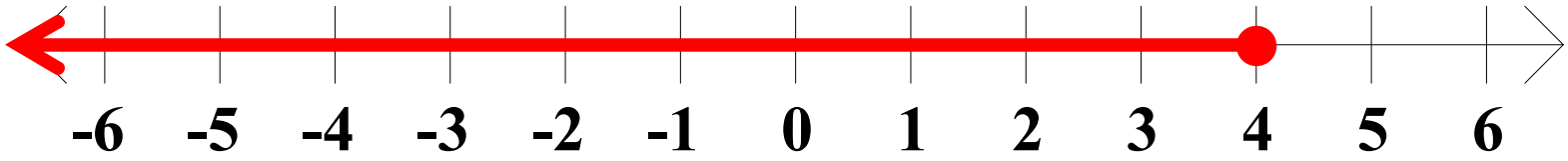
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

7. $(-\infty , 4]$

(a) $x \leq 4$

(b) bounded

(c)



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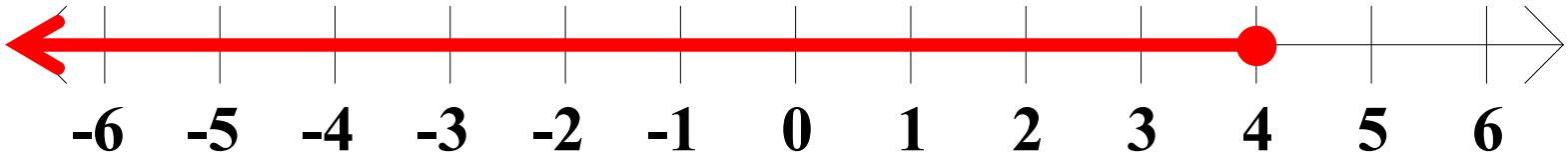
(b) _____

(c)



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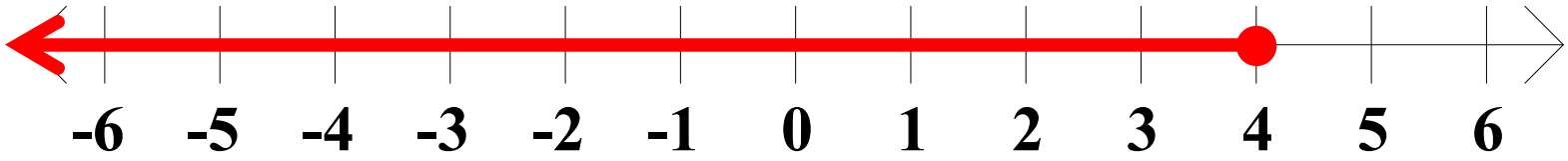
(b) _____

(c)



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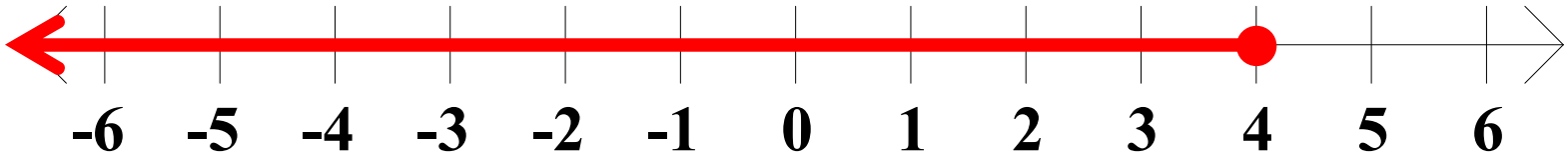
(c)



General Algebra II CWS #2 Unit 1

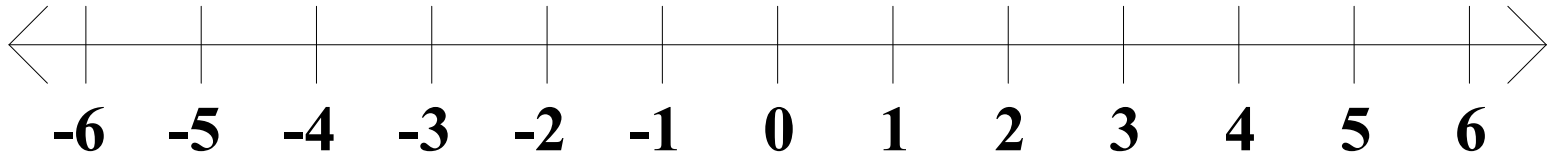
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

8. [-3 , 0]

(a) _____

(b) _____

(c)



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(a) _____

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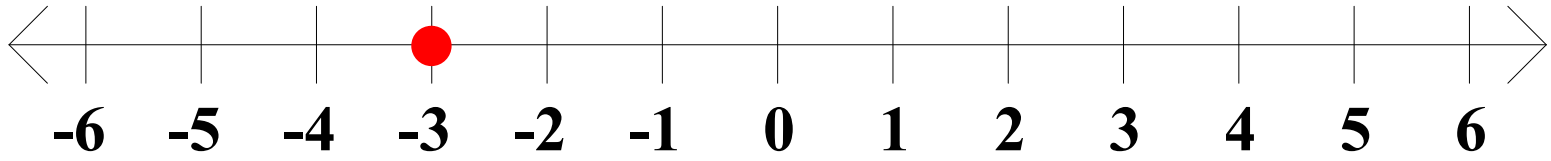

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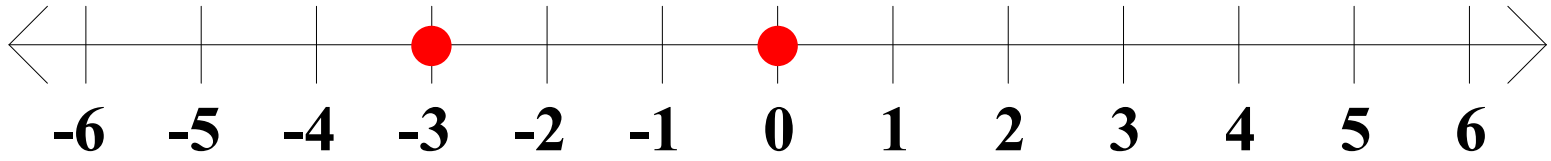

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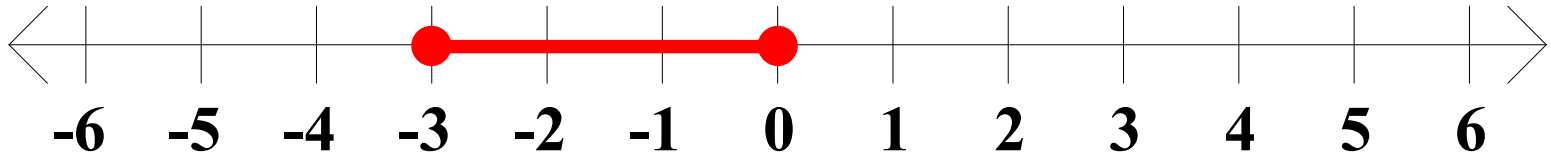
(c)



General Algebra II CWS #2 Unit 1

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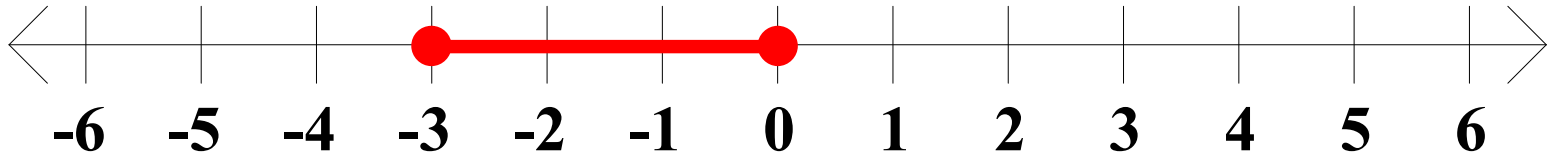
8. [-3 , 0]

(a) -3

(b) _____

(c)



General Algebra II CWS #2 Unit 1

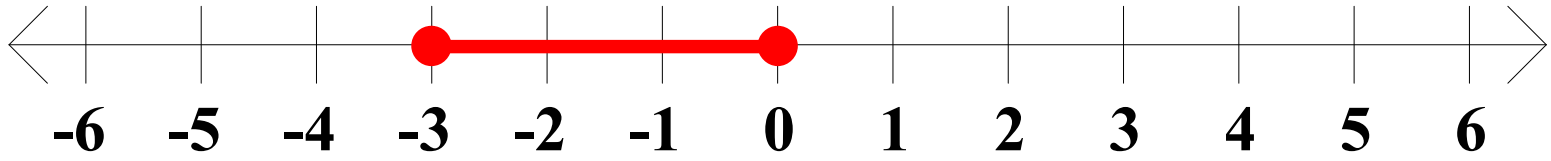
For each of the following intervals, (a) write an appropriate inequality, (b) tell whether it is bounded or unbounded, and (c) sketch its graph.

8. [-3 , 0]

(a) $-3 \leq$ _____

(b) _____

(c)



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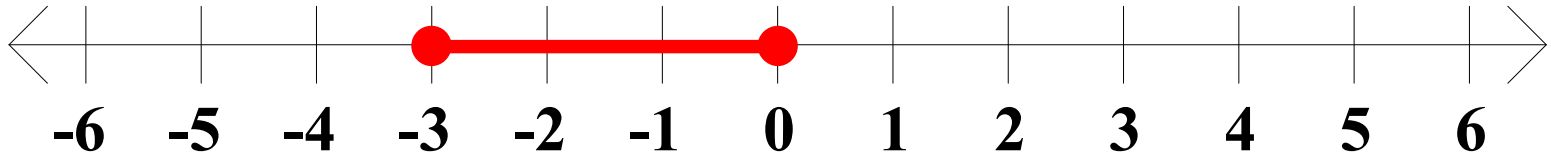
(a) $-3 \leq x$

(b) _____

(c)



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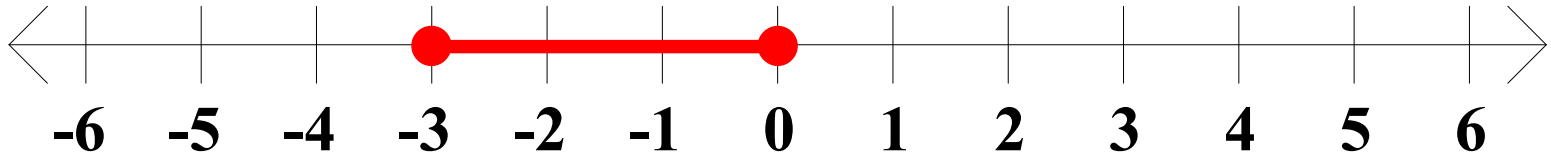
(c)



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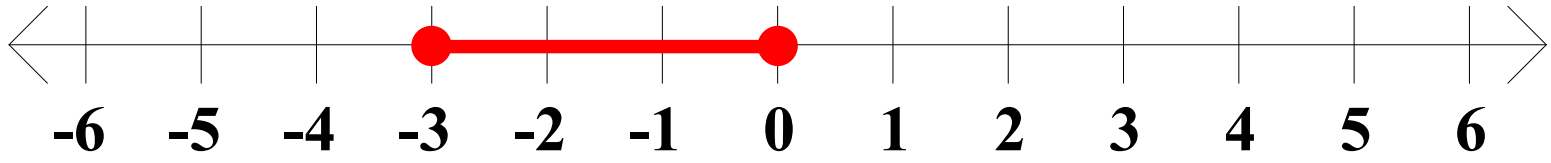
(b) _____

(c)



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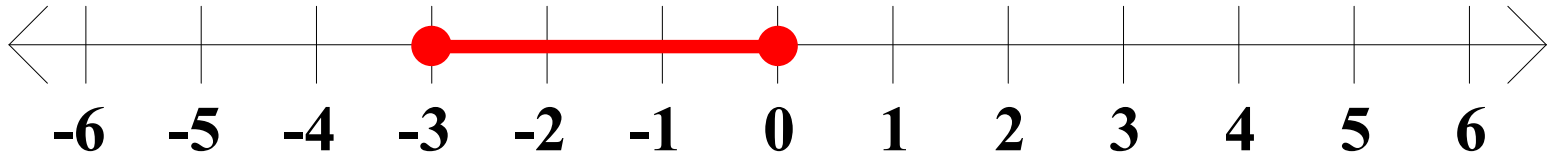
(a) $-3 \leq x \leq 0$

(b) bounded

(c)



General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$6x$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$6x \leq$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$$6x \leq 24$$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$$6x \leq 24$$

$$x$$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$$6x \leq 24$$

$$x \leq$$

General Algebra II CWS #2 Unit 1

Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

9. $6x - 15 \leq 9$

$$6x \leq 24$$

$$x \leq 4$$

General Algebra II CWS #2 Unit 1

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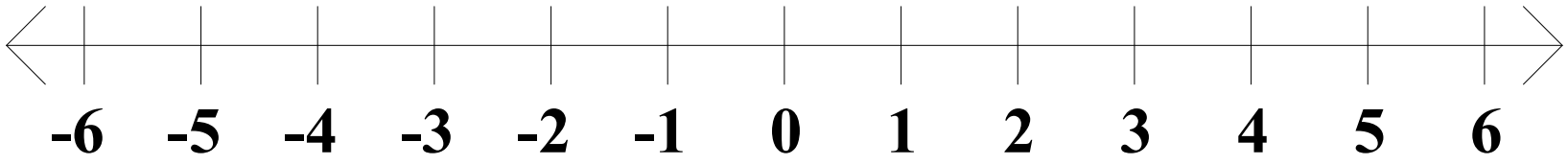
9. $6x - 15 \leq 9$

$$6x \leq 24$$

$$x \leq 4$$



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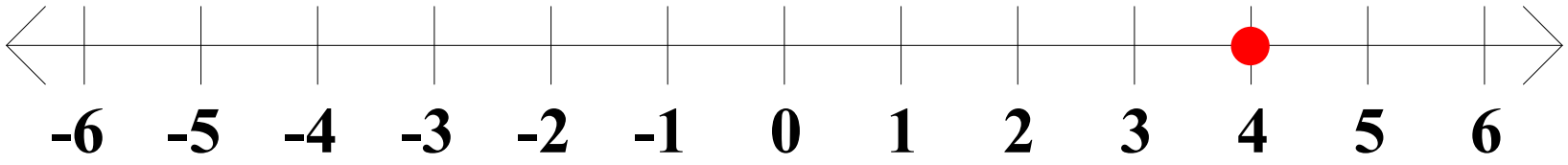

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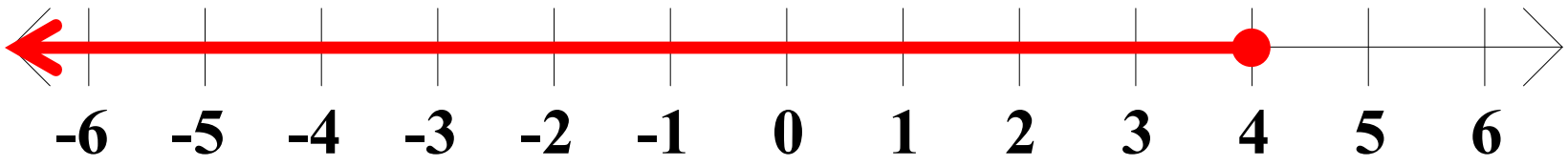

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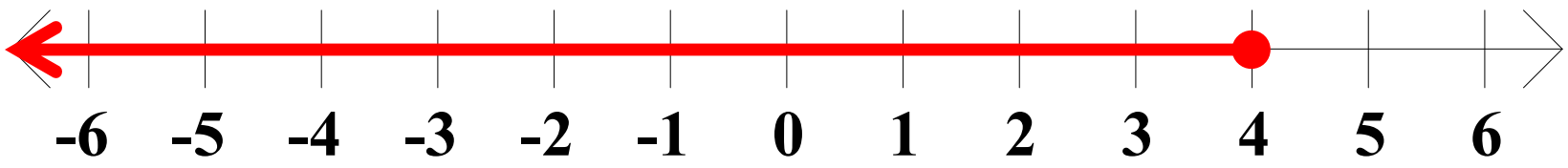

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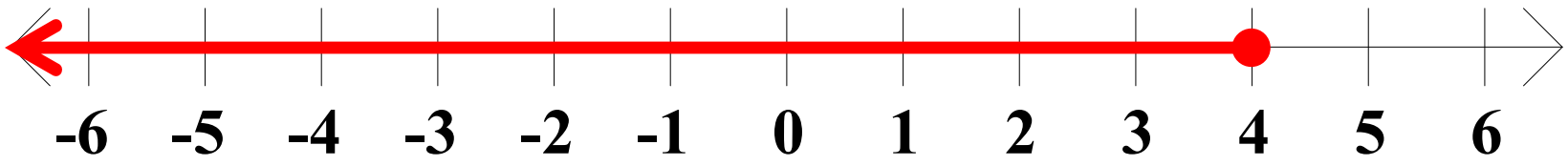

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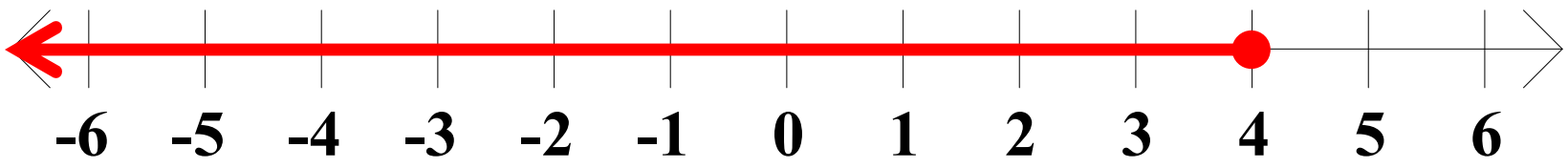

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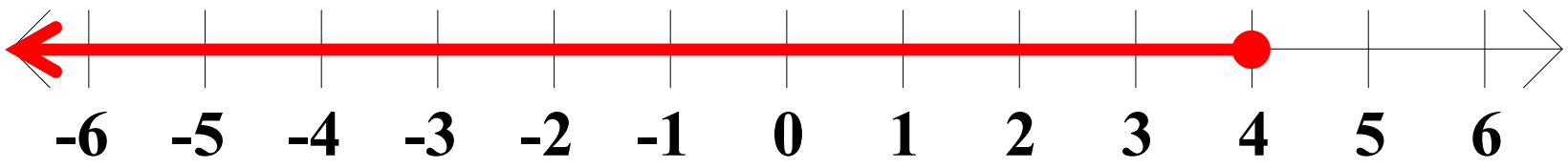

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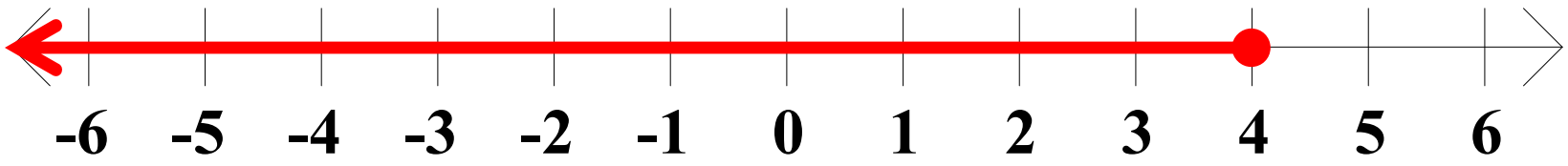

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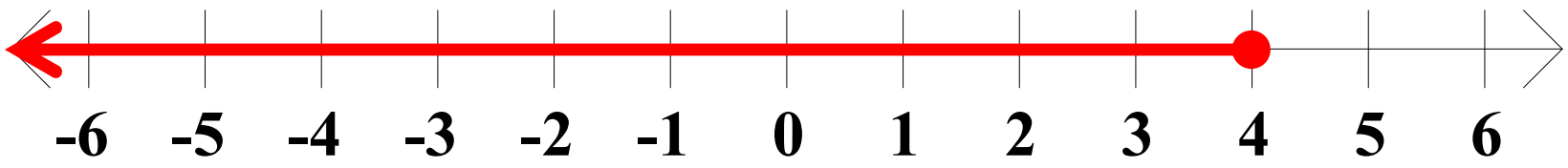

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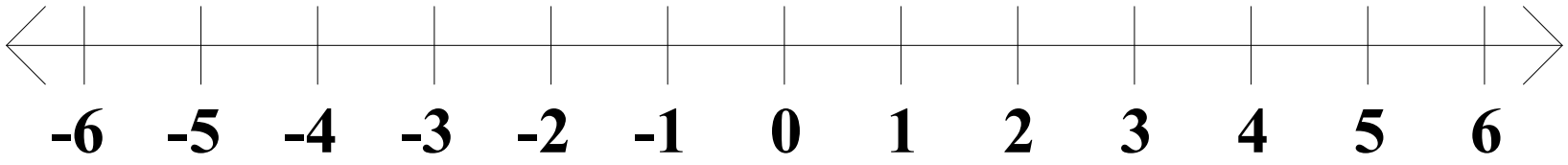

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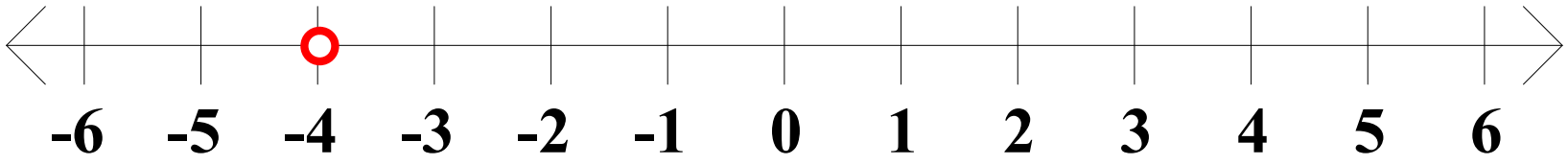

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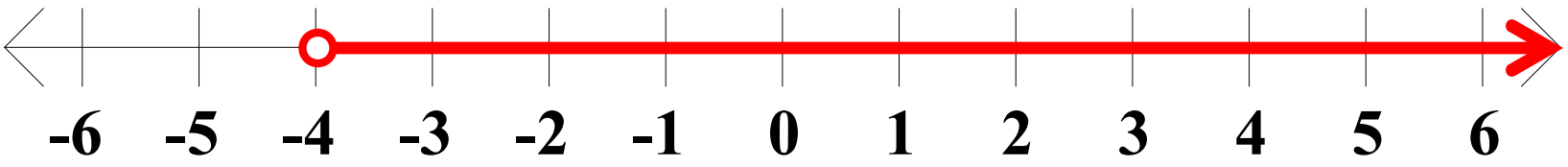

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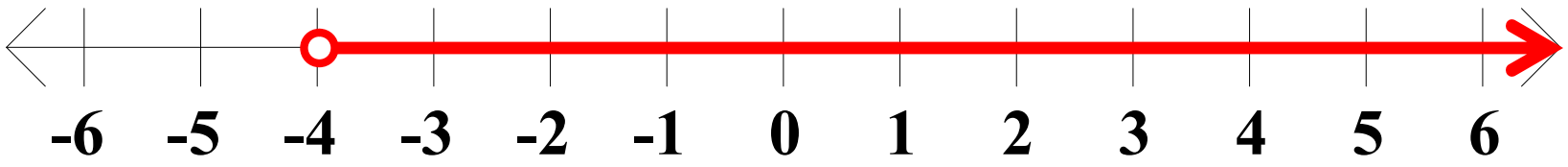

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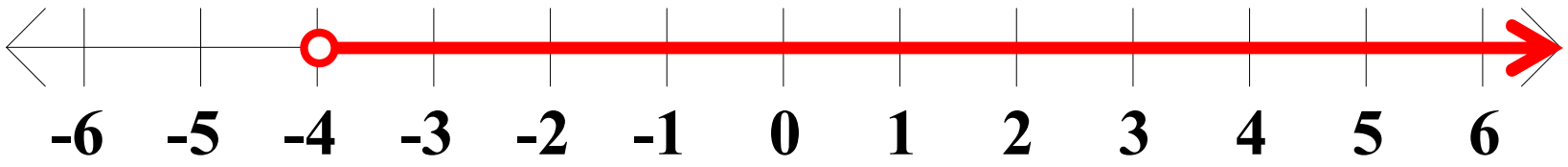

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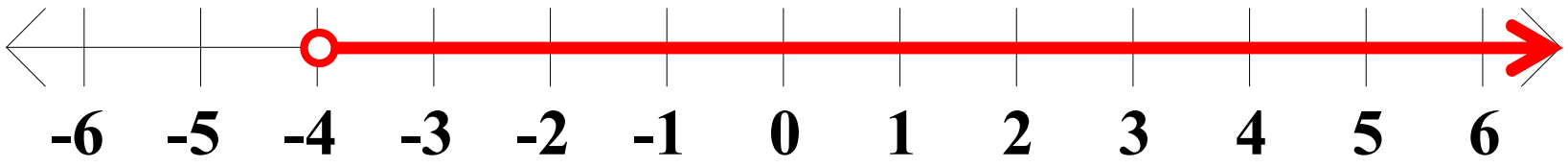

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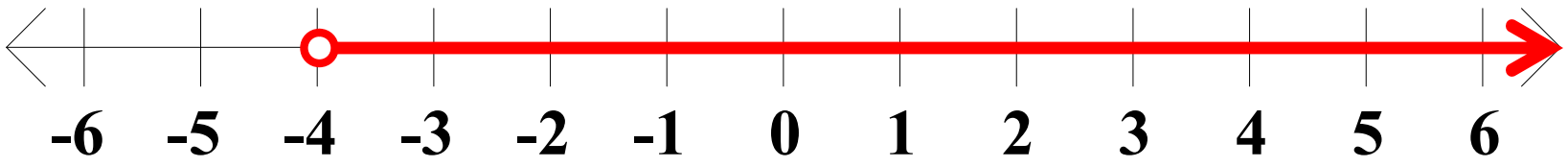

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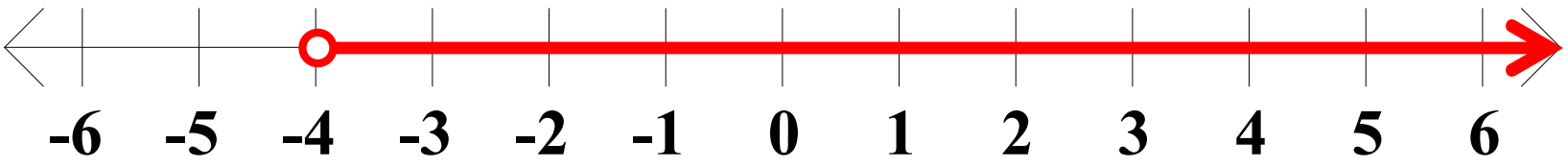

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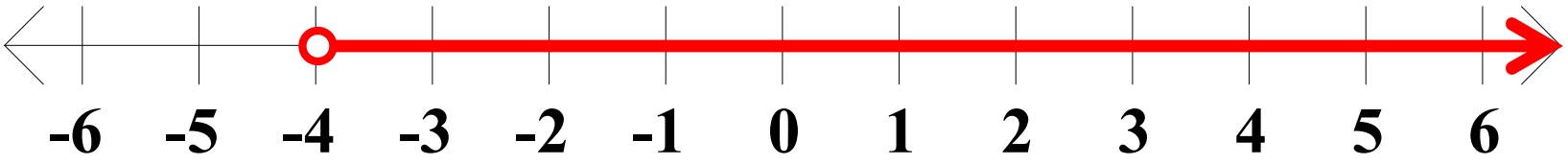

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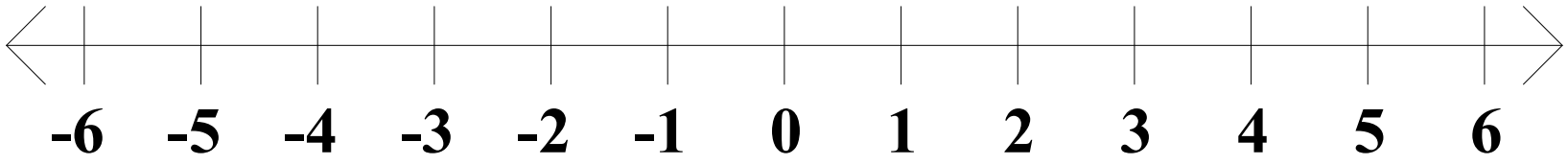

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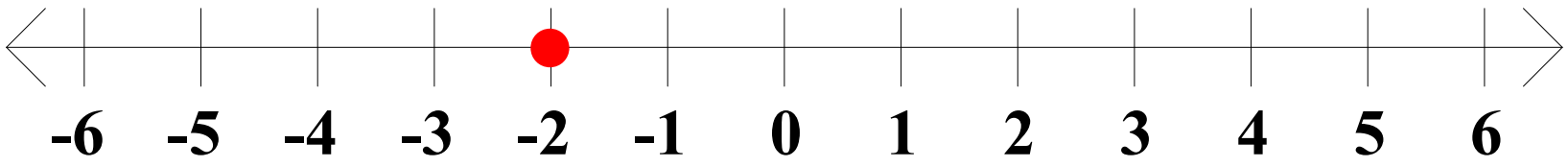

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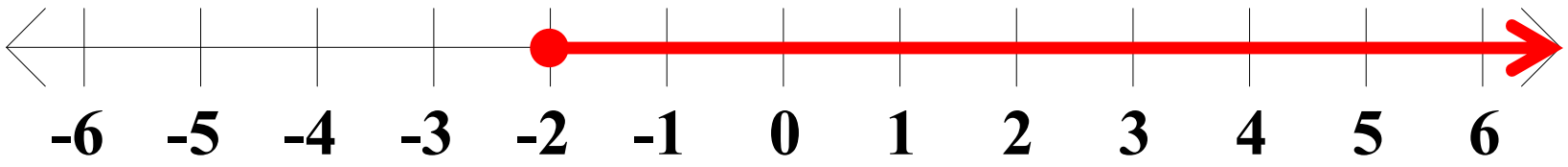

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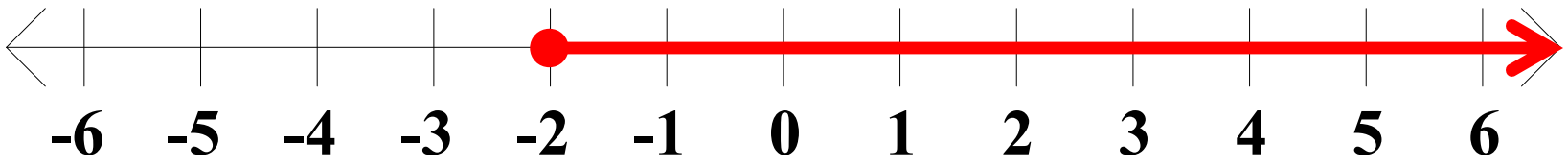

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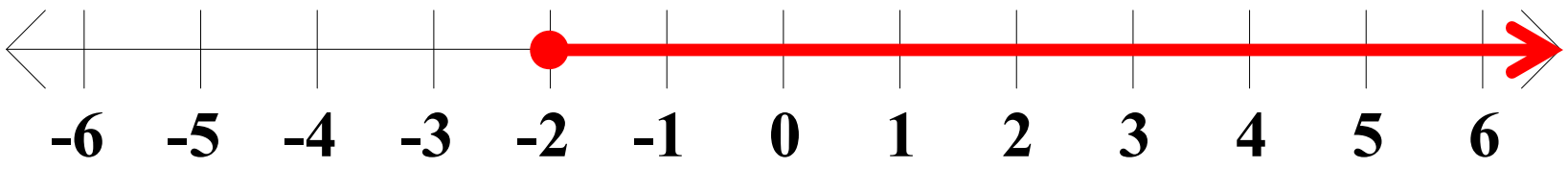

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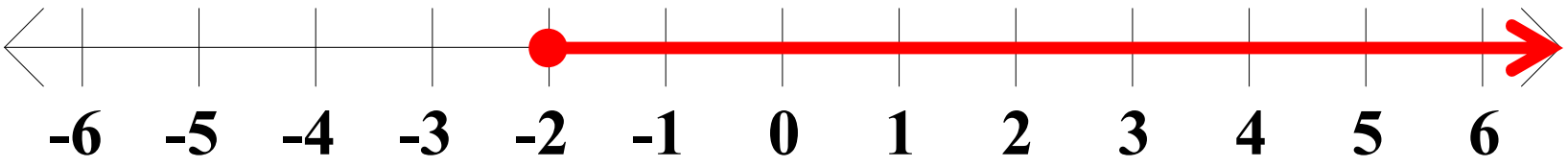

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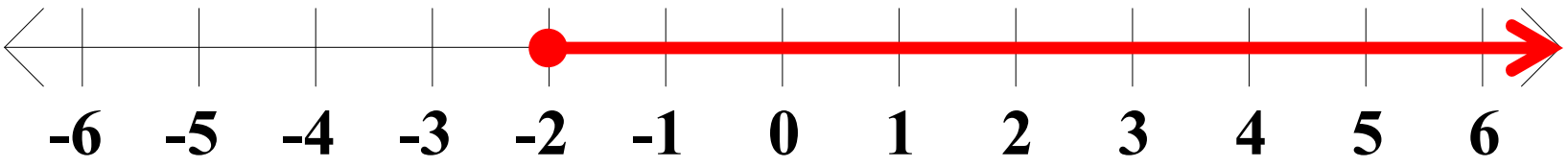

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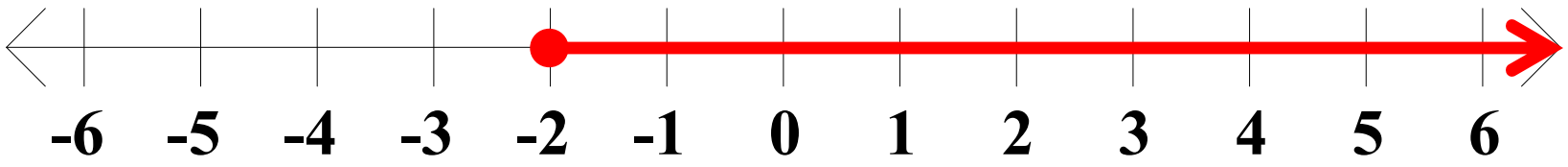

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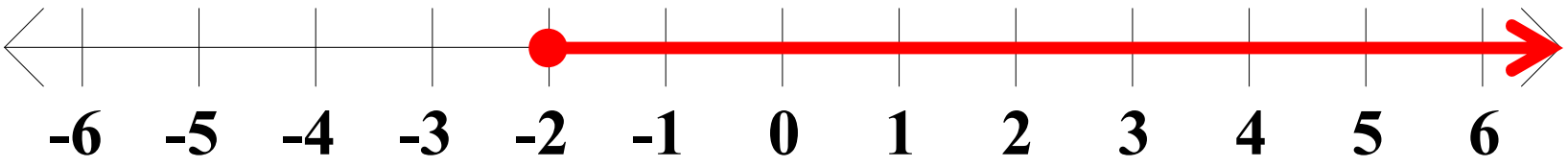

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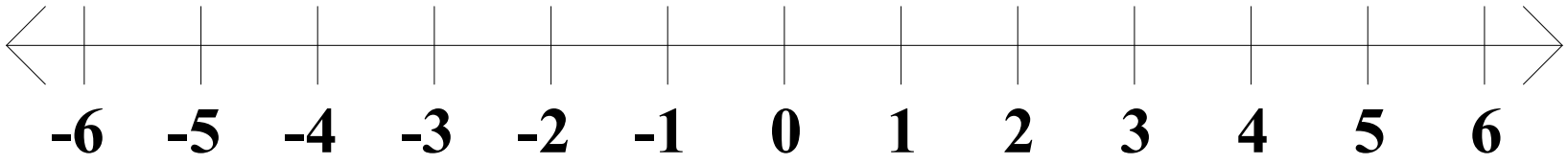

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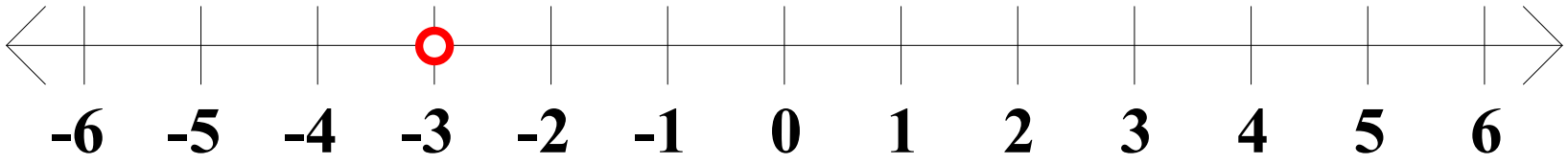

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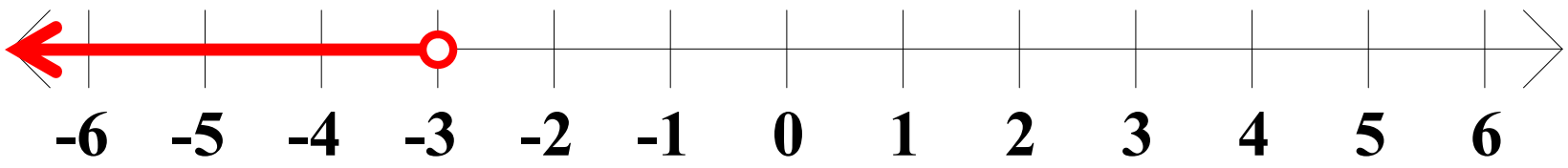

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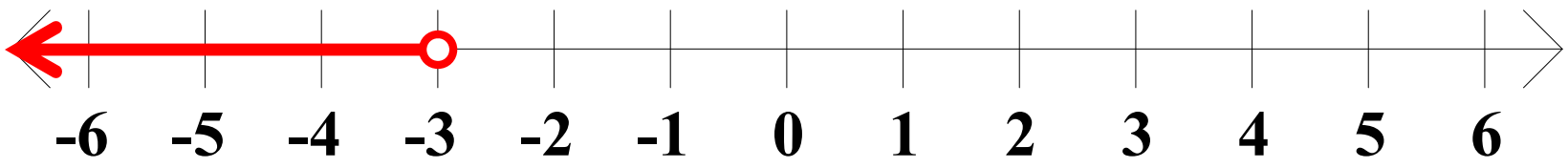

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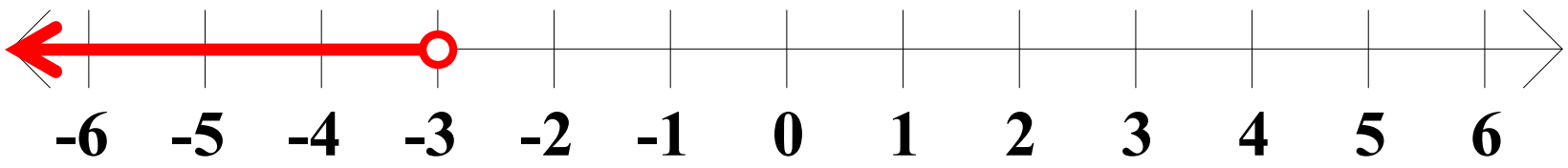

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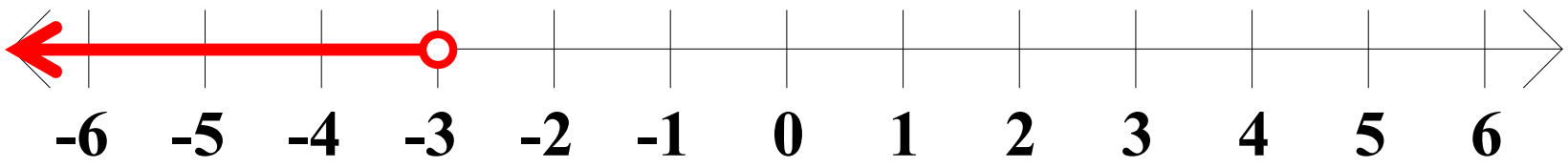

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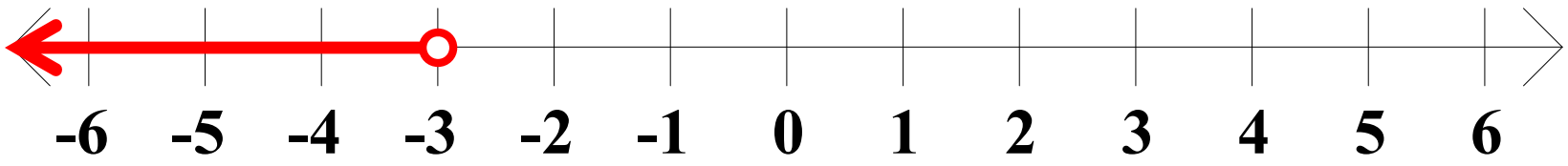

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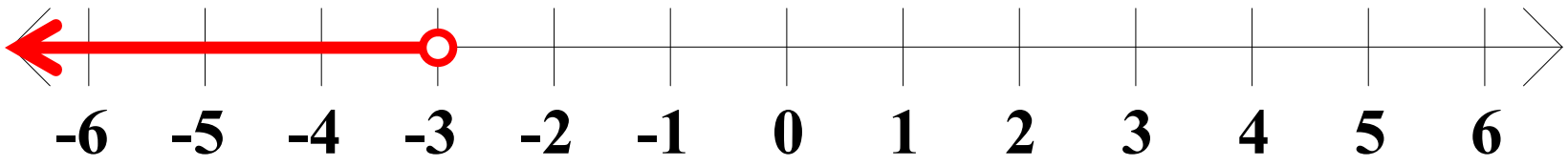

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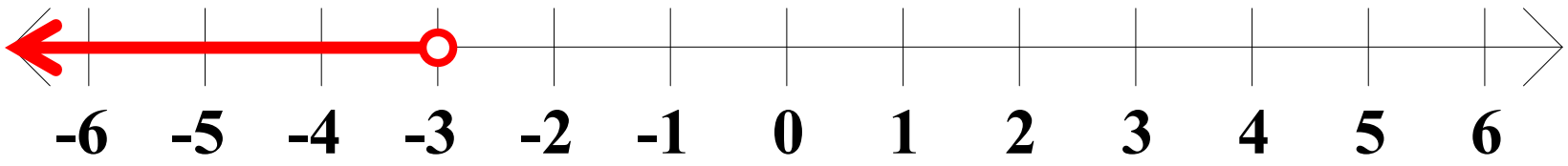

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13. $7x - 8 < 2x + 7$

$$5x < 15$$

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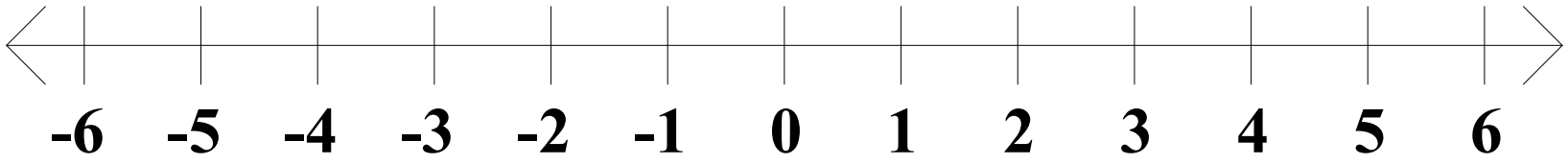

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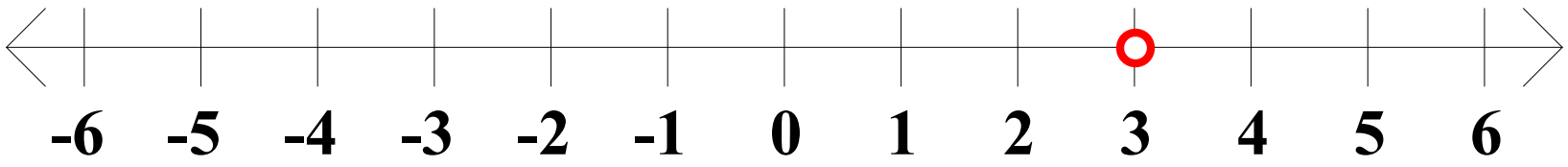

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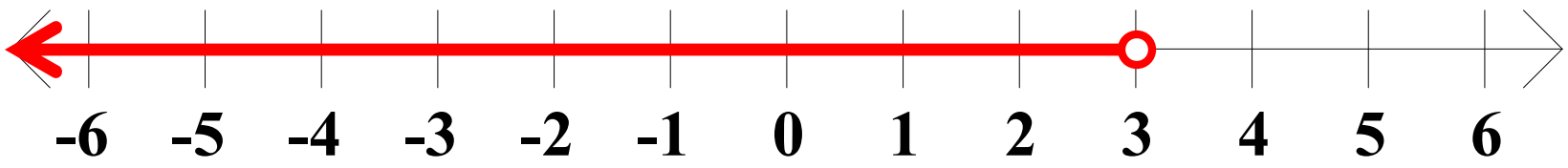

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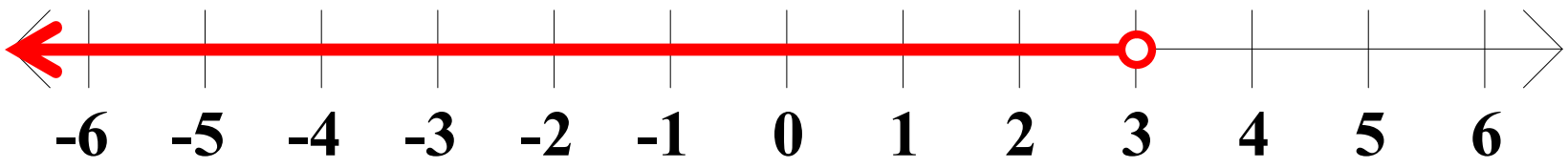

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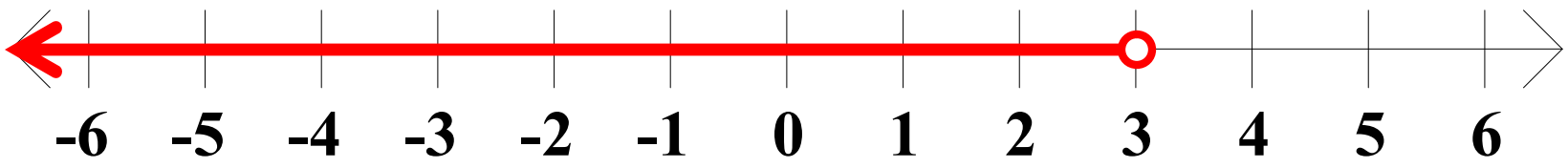

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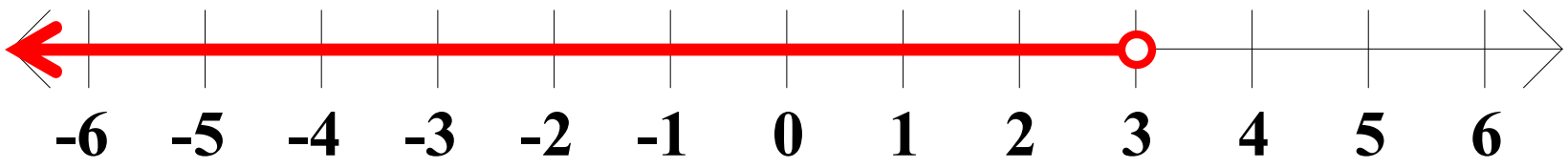

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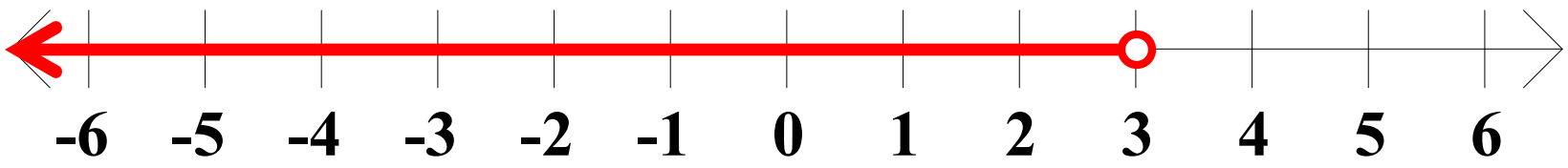

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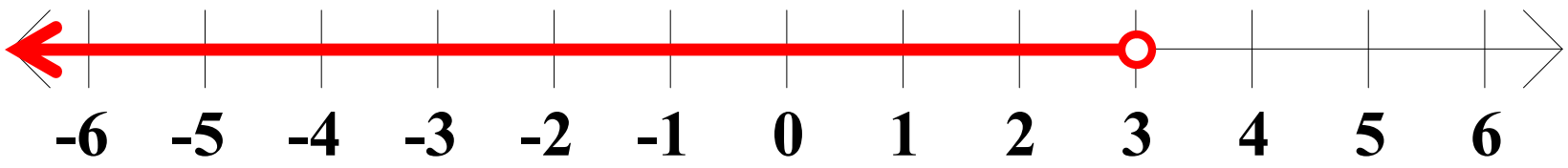

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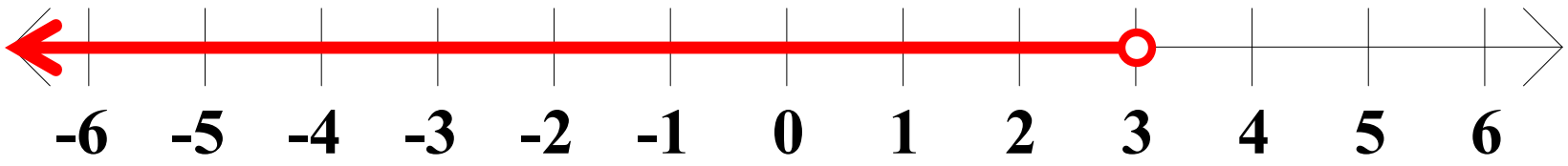

General Algebra II CWS #2 Unit 1

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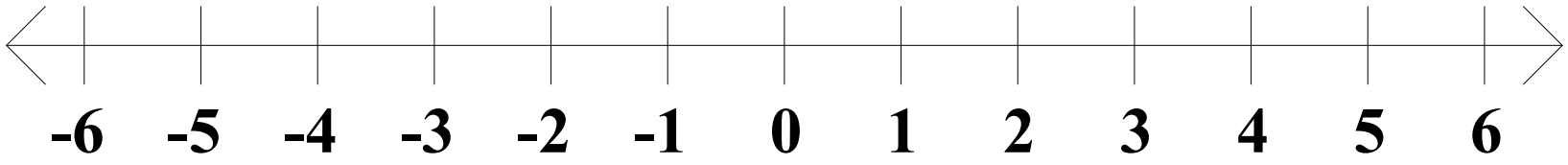

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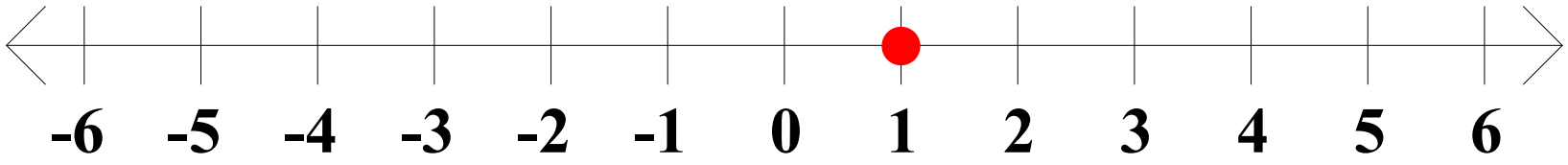

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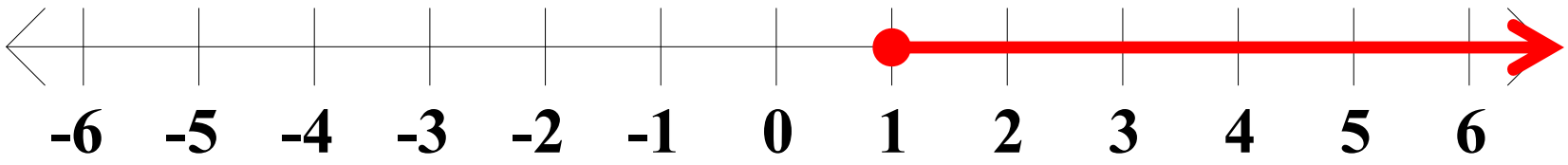

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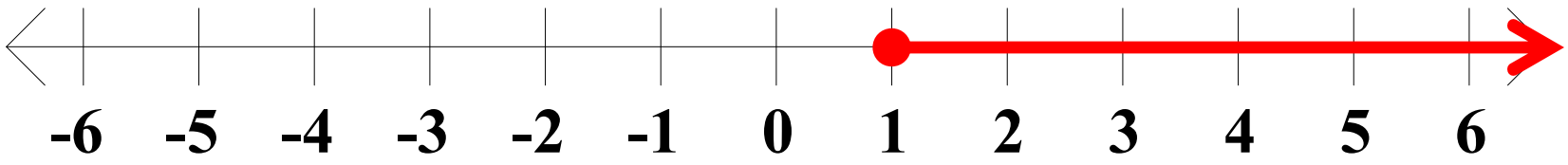

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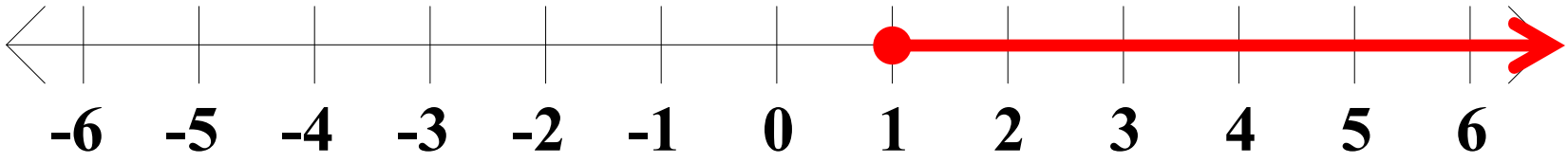

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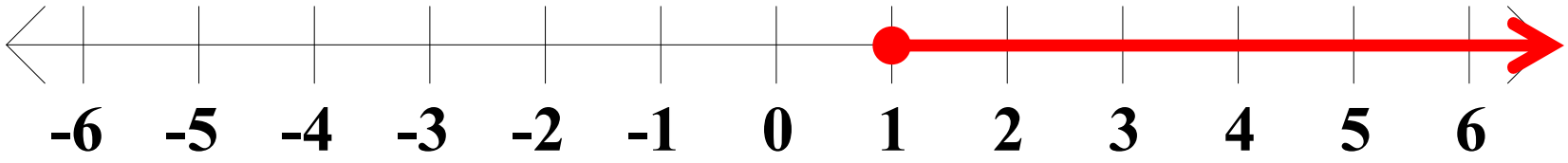

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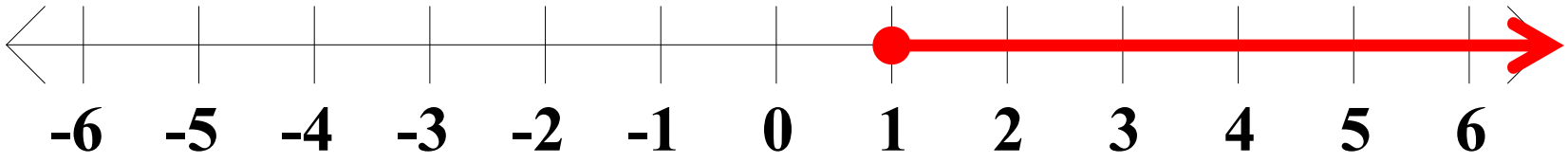

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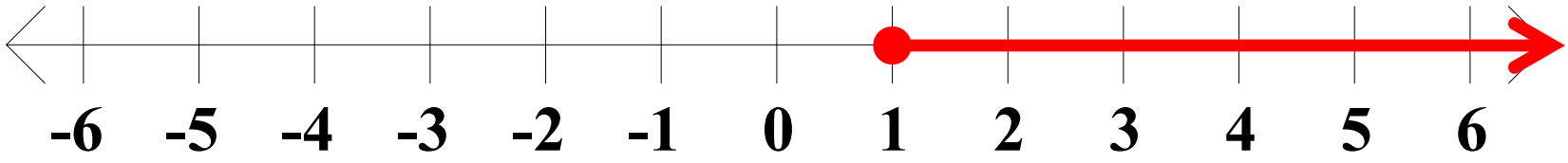

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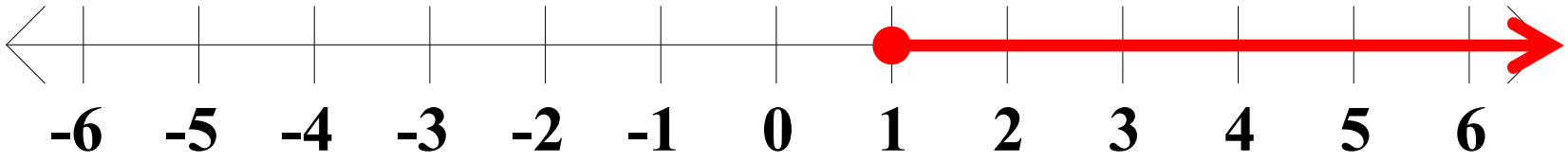

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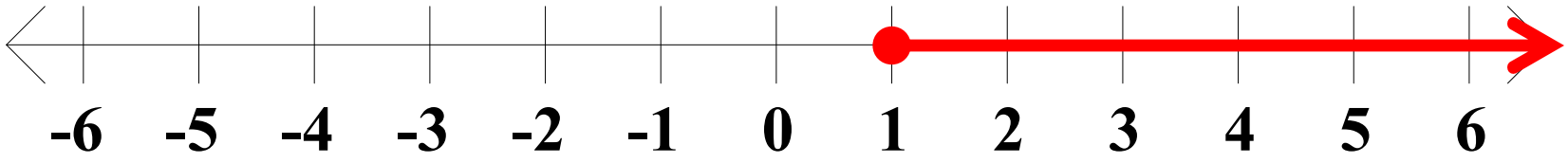

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Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

15. $5(3x + 1) - 4(5x - 3) > 2$

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Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

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Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

15. $5(3x + 1) - 4(5x - 3) > 2$

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15. $5(3x + 1) - 4(5x - 3) > 2$

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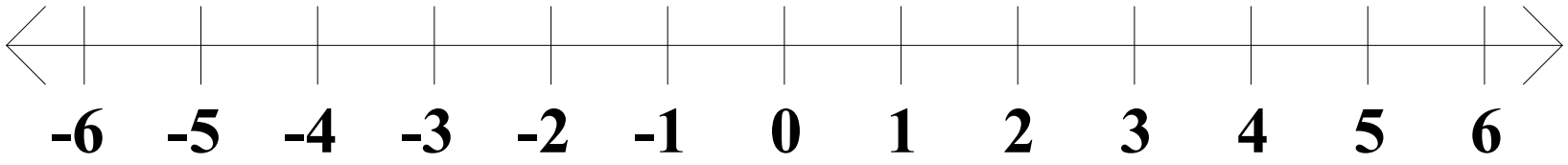

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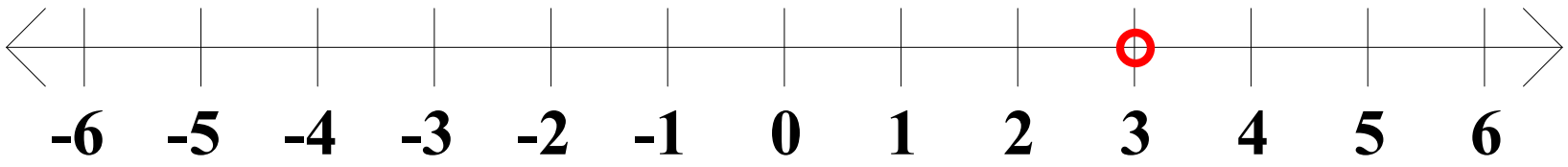

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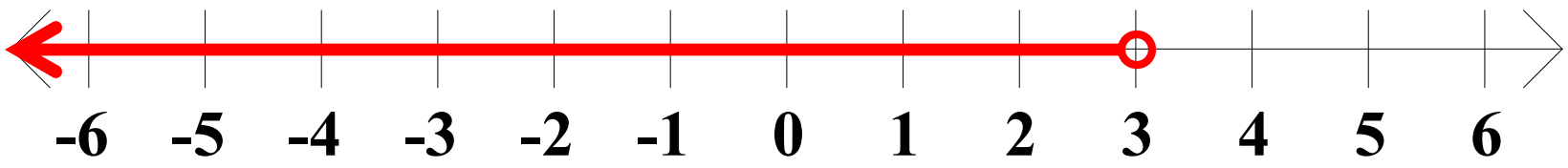

General Algebra II CWS #2 Unit 1

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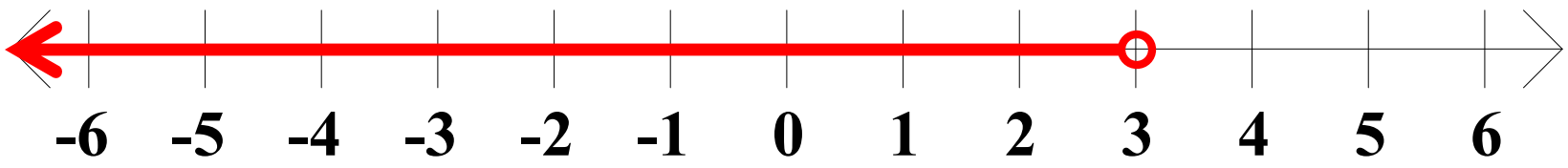

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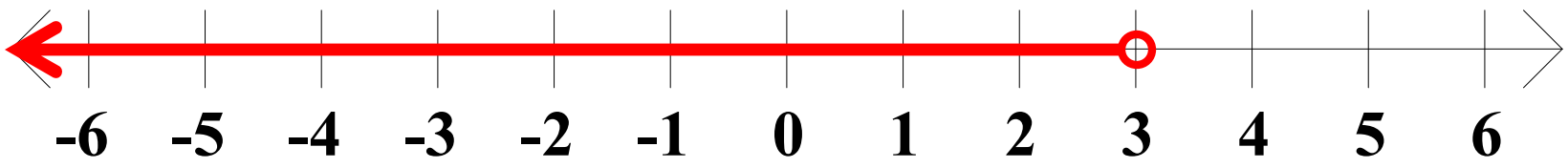

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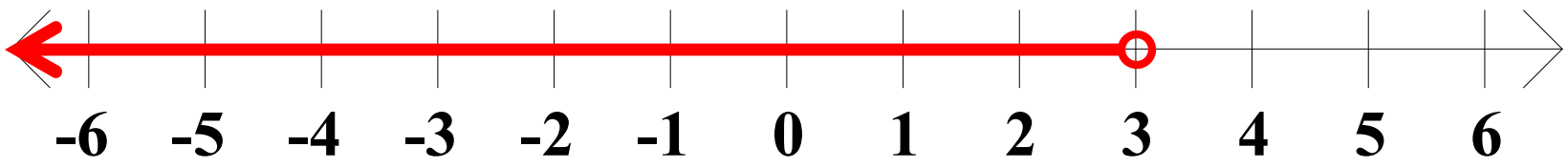

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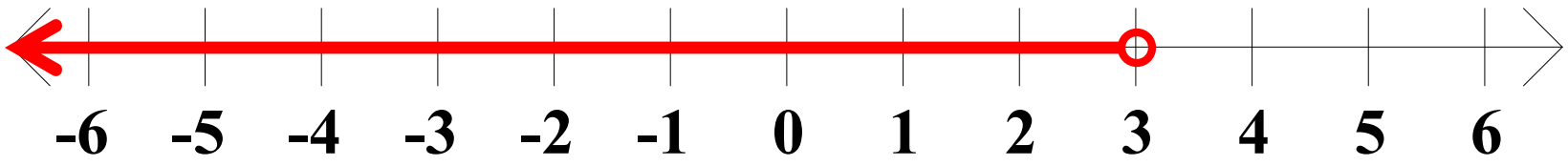

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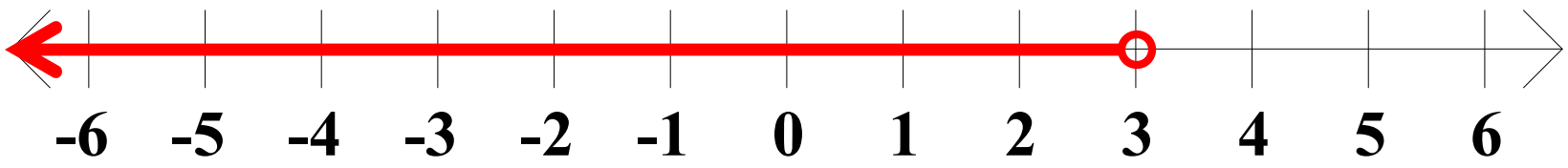

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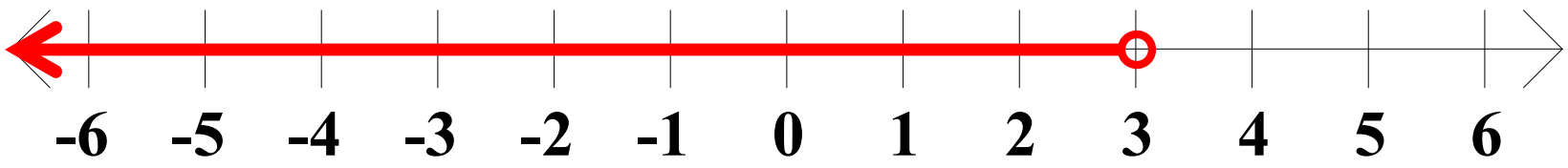

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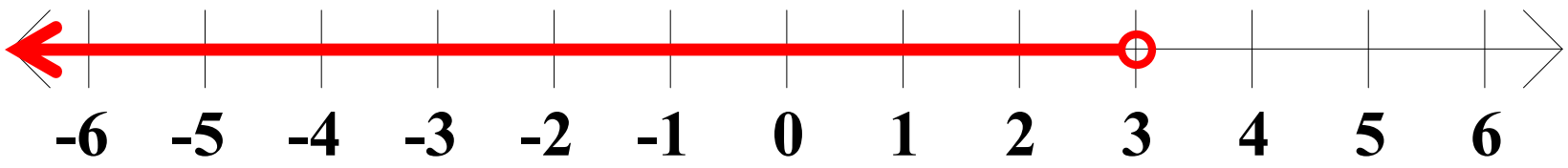

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Solve each of the following inequalities. Then express the solution set using interval notation and sketch its graph.

16. $3(4x - 3) - 4(2x - 3) \leq 4(x - 3) - 5(2x - 1)$

$12x$

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16. $3(4x - 3) - 4(2x - 3) \leq 4(x - 3) - 5(2x - 1)$

$12x - 9 - 8x + 12$

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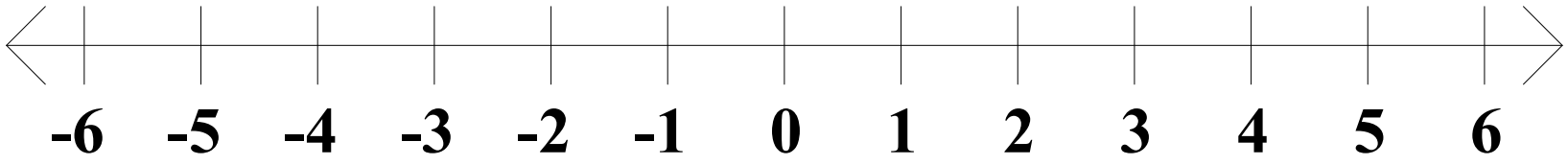

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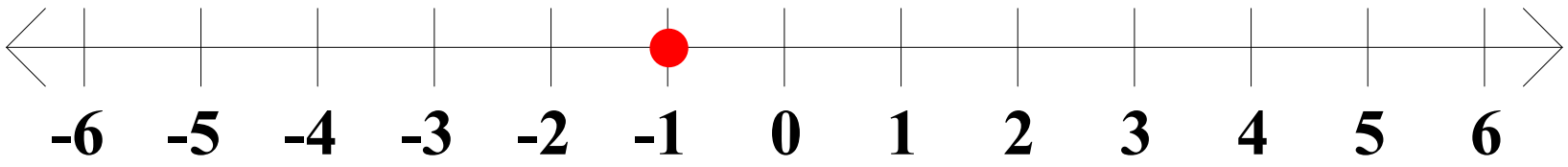

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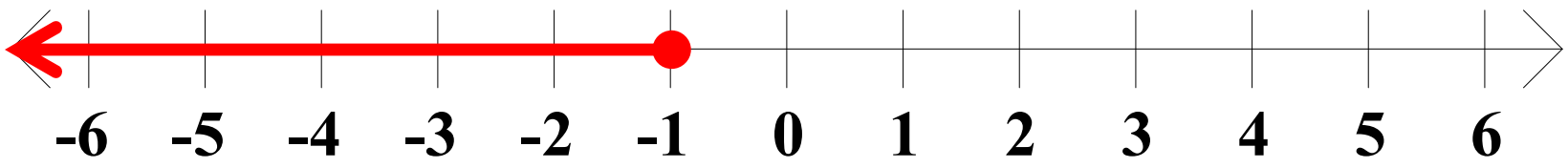

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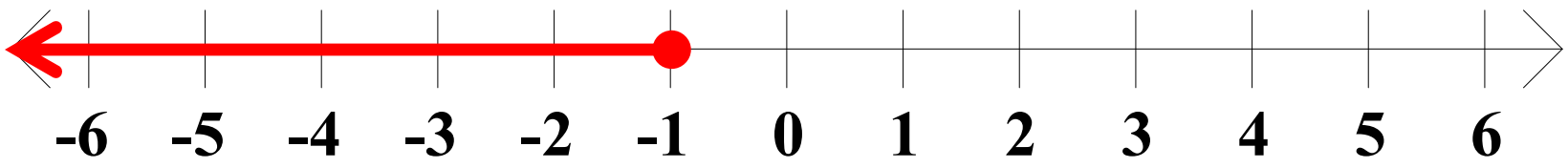

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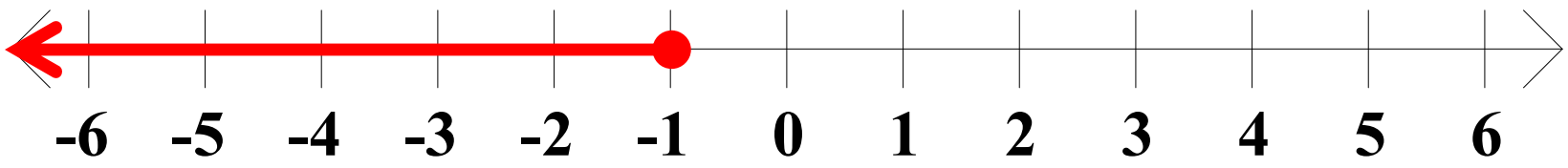

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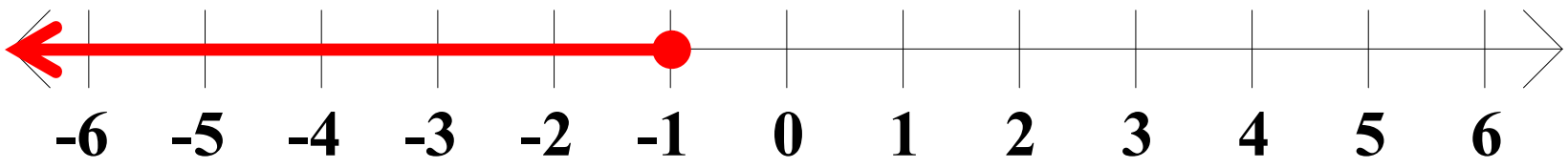

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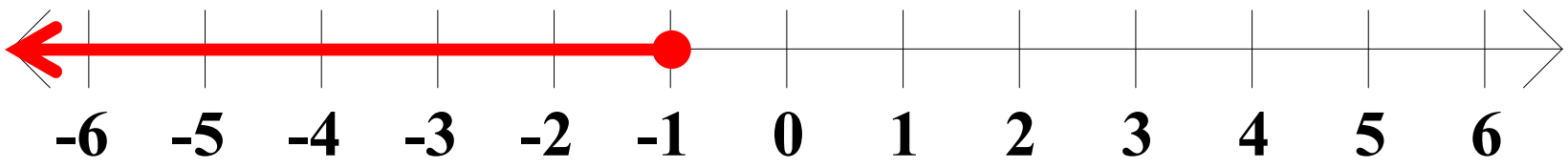

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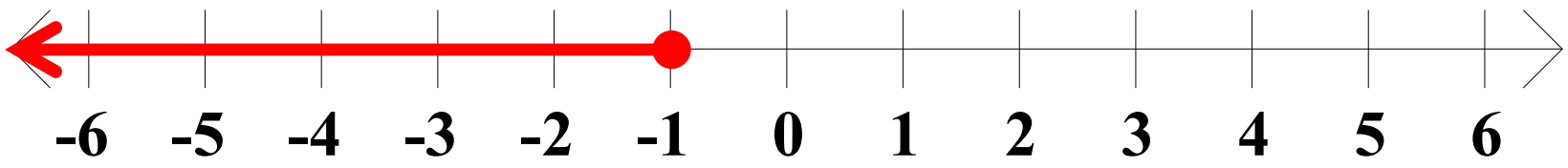

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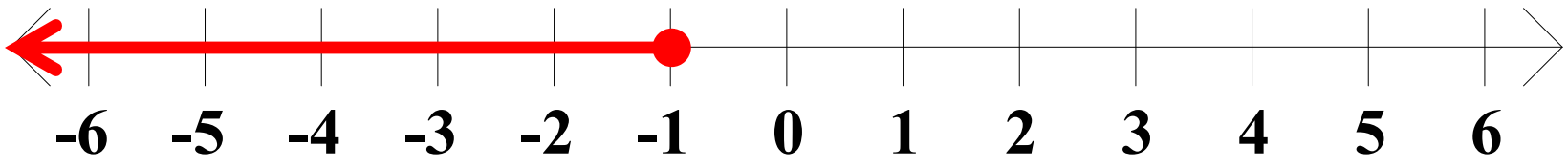

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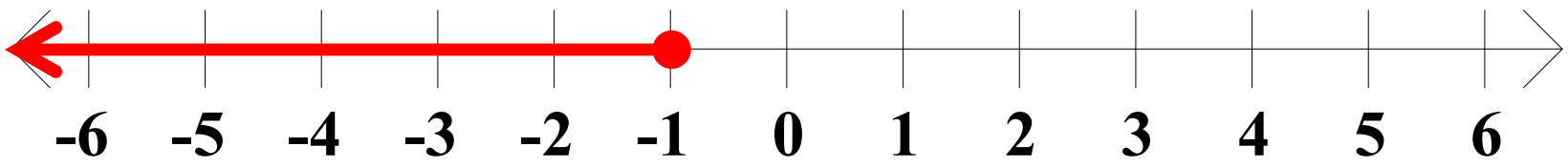

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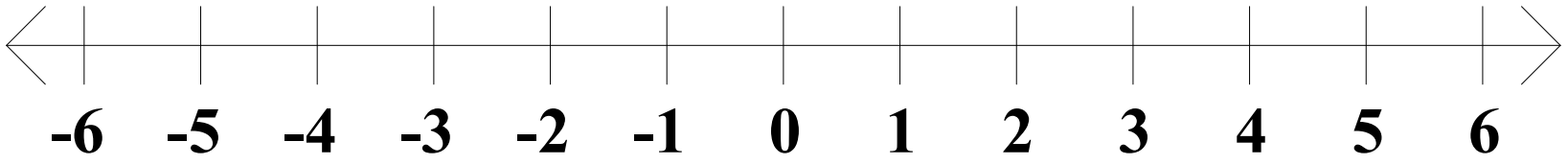

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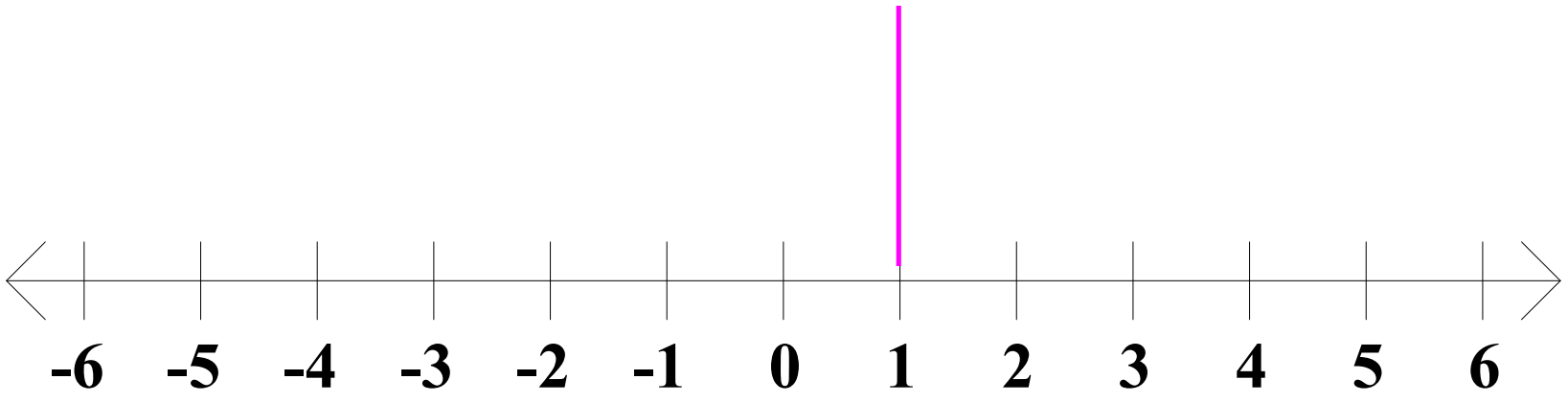

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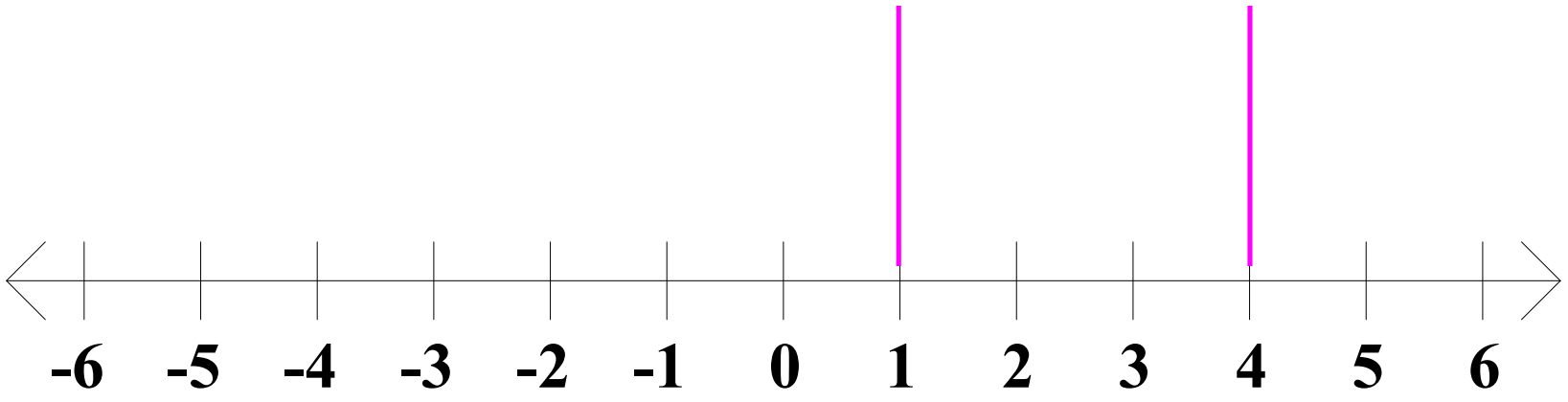

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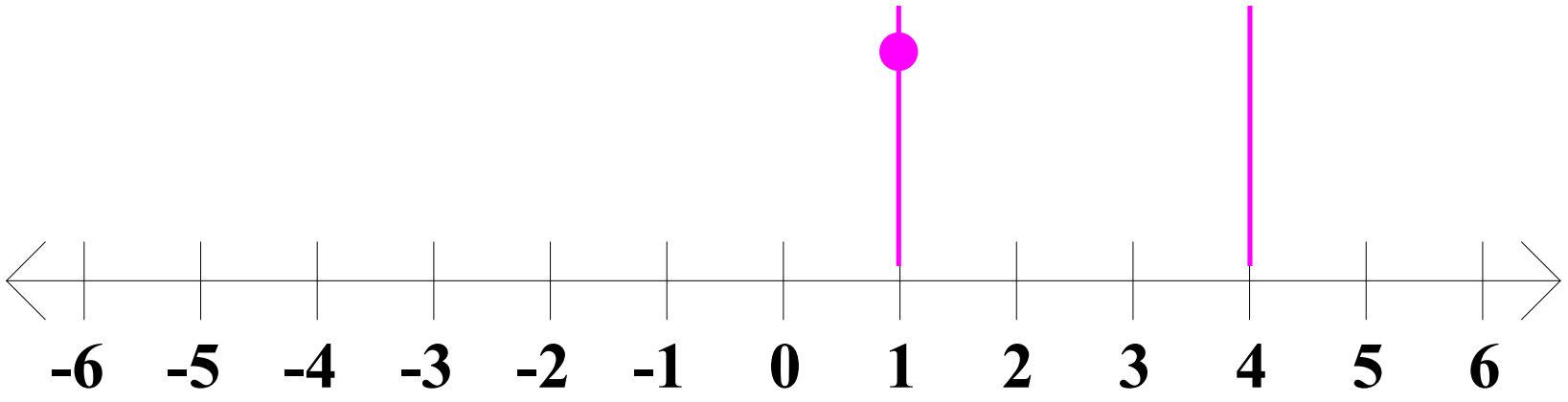

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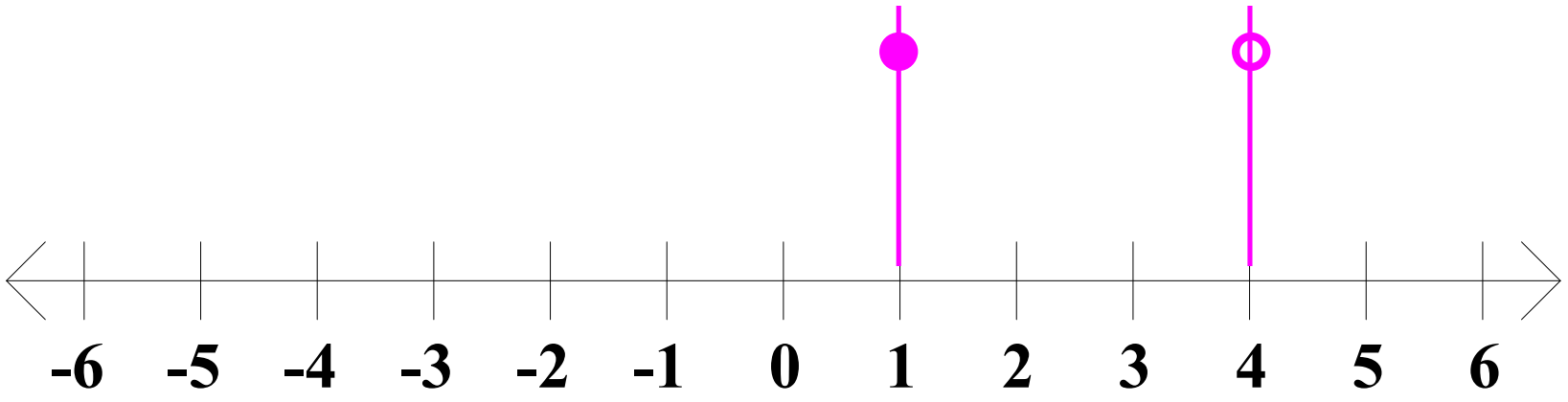

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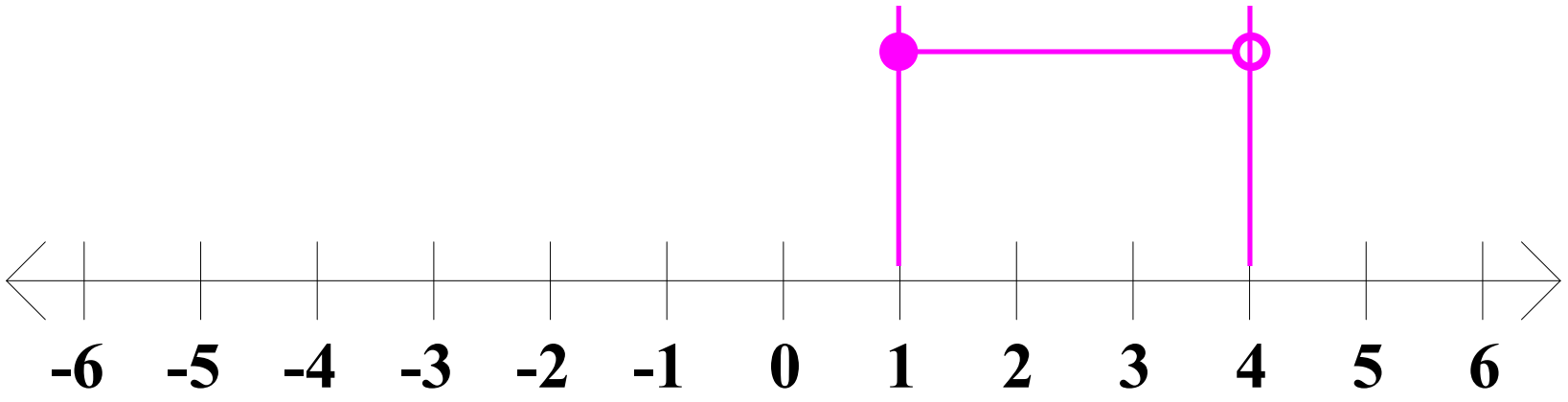

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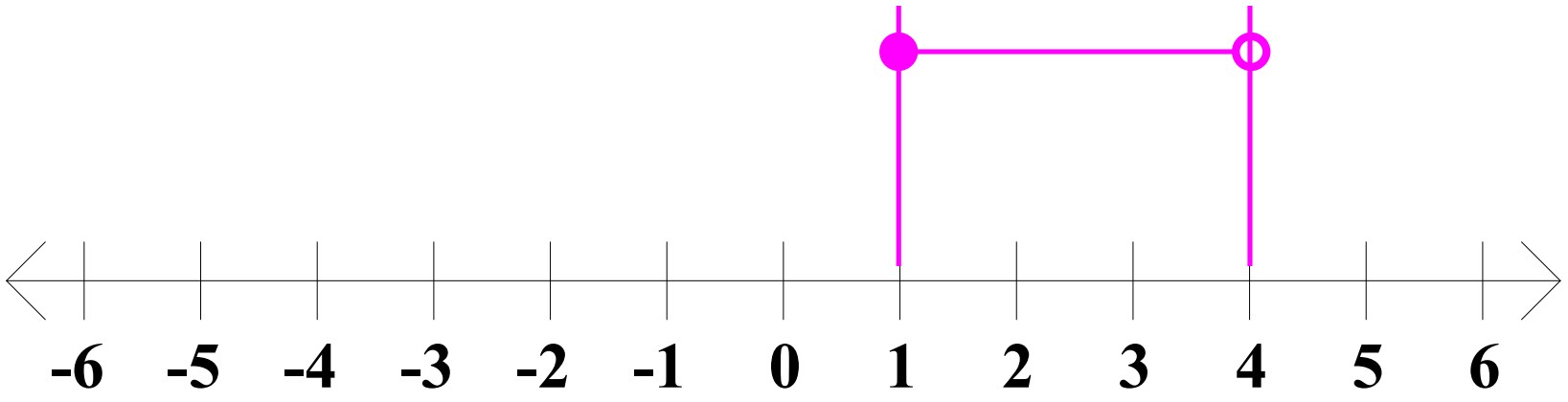

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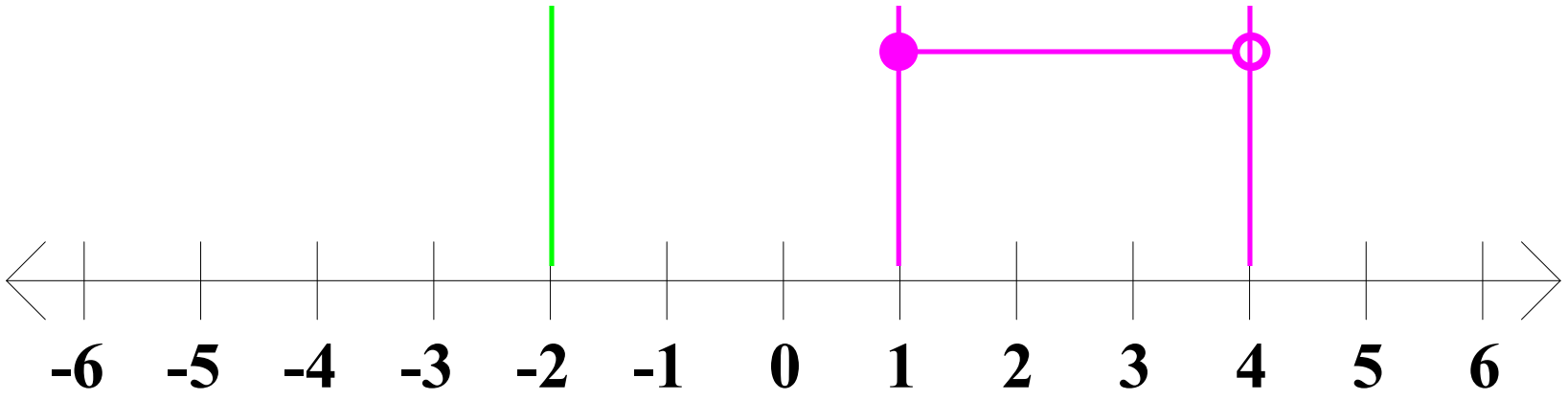

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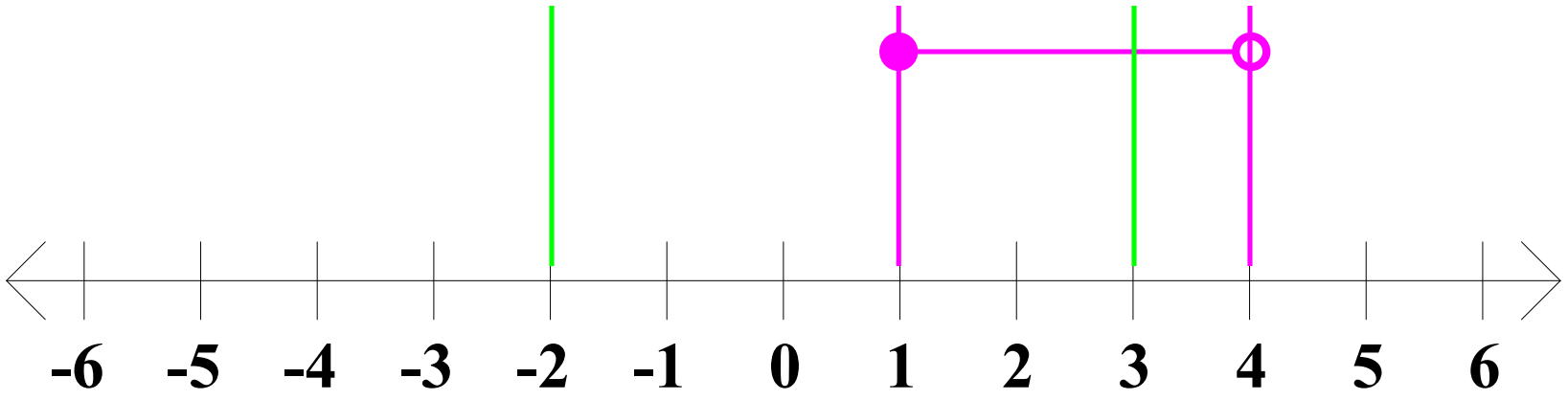

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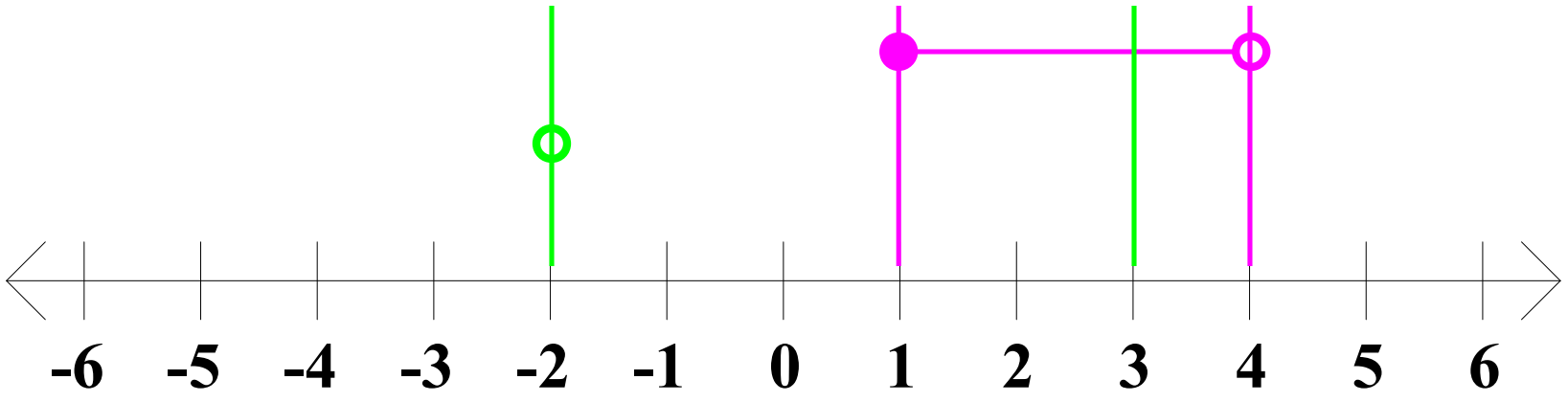

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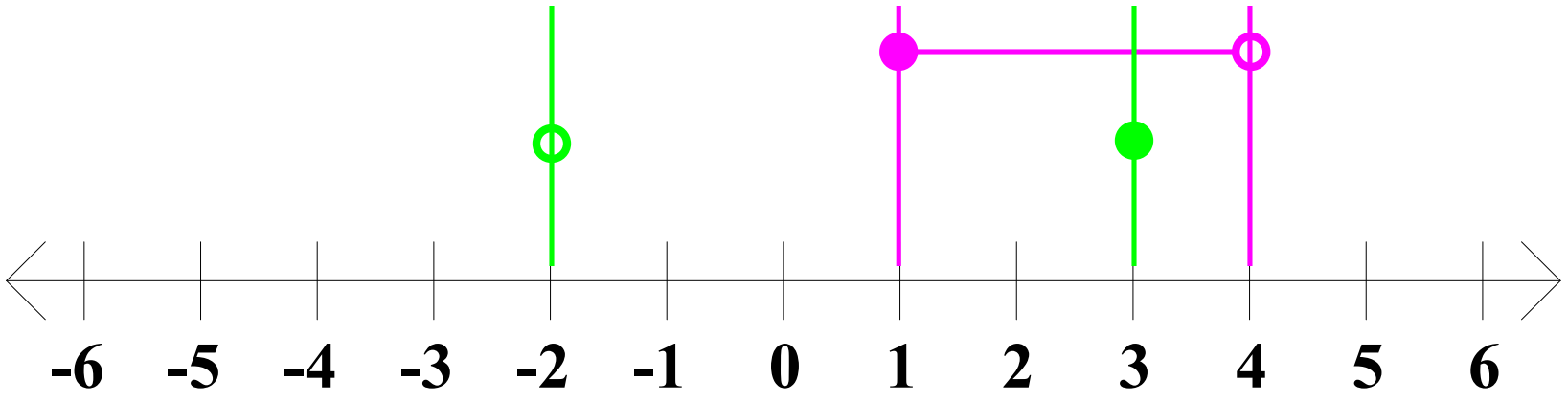

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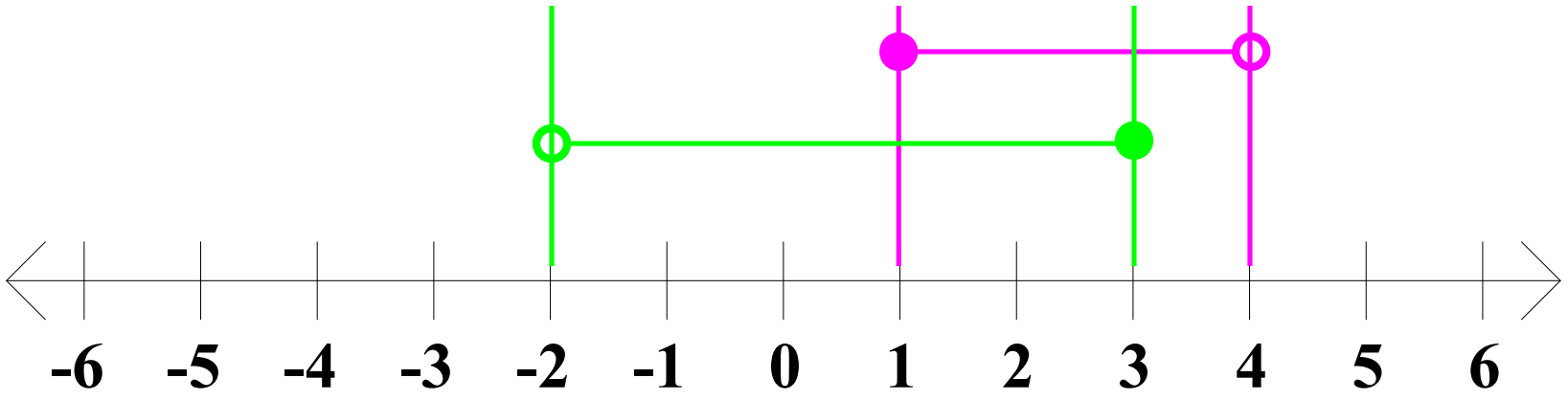

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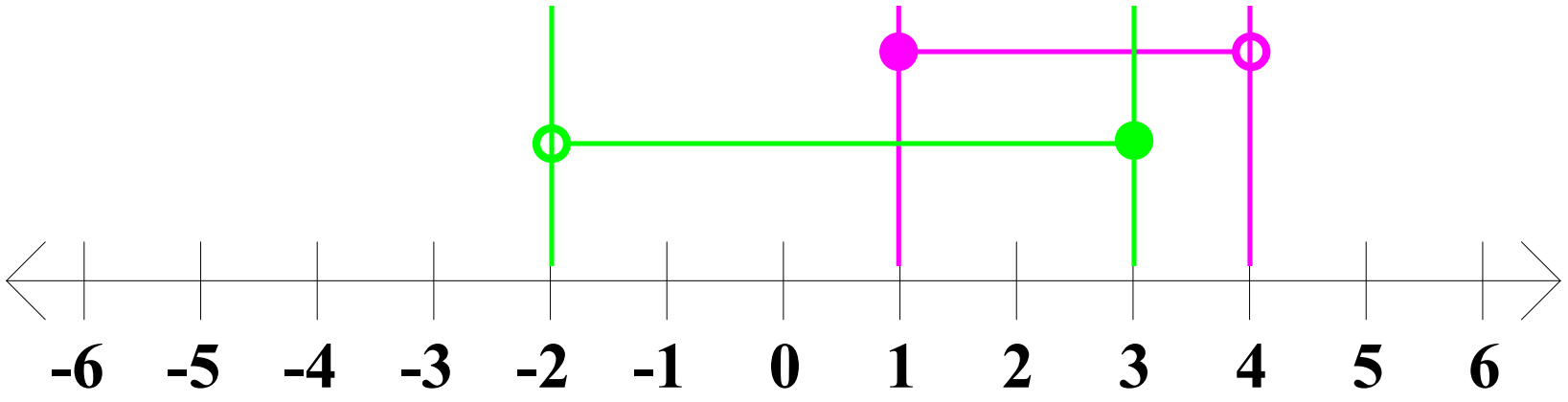

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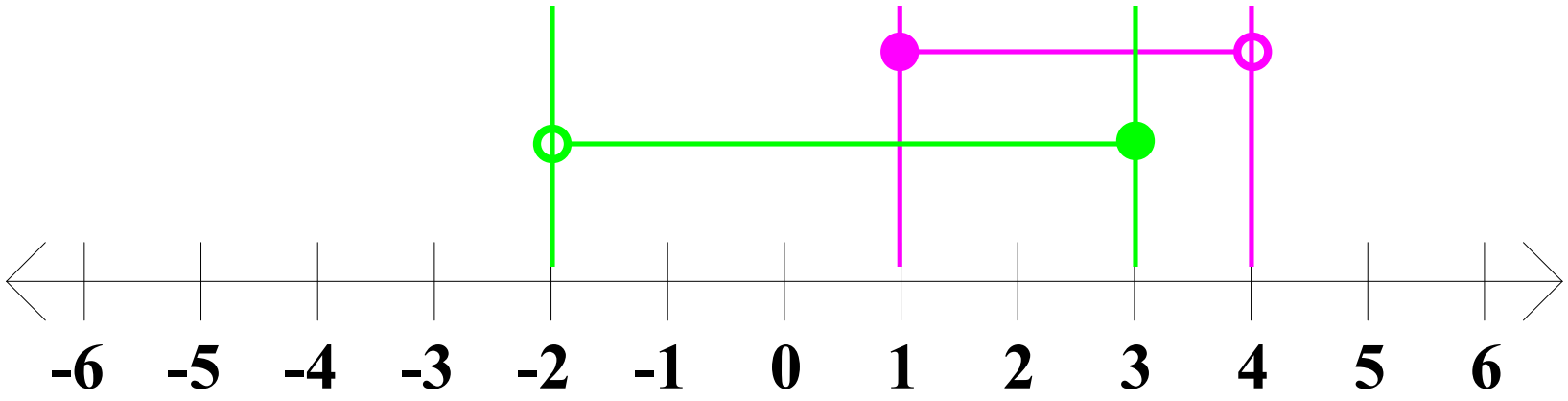

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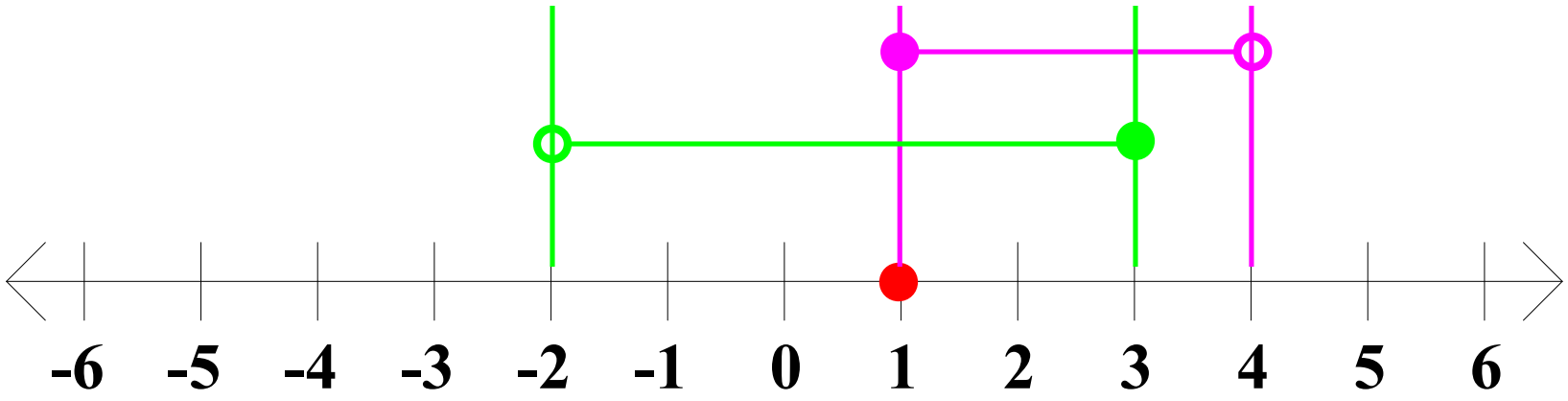

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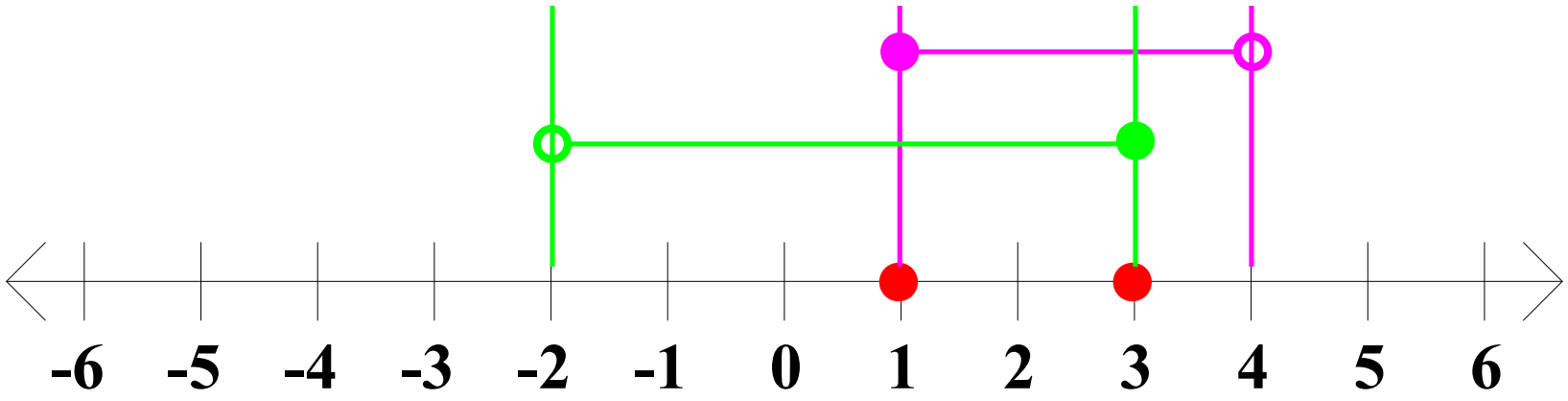

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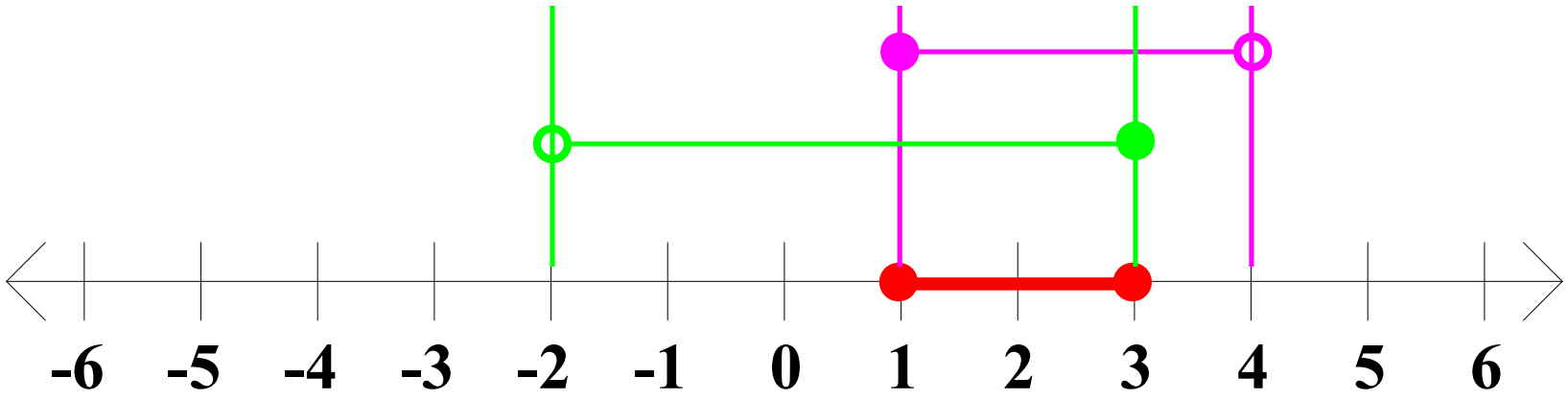

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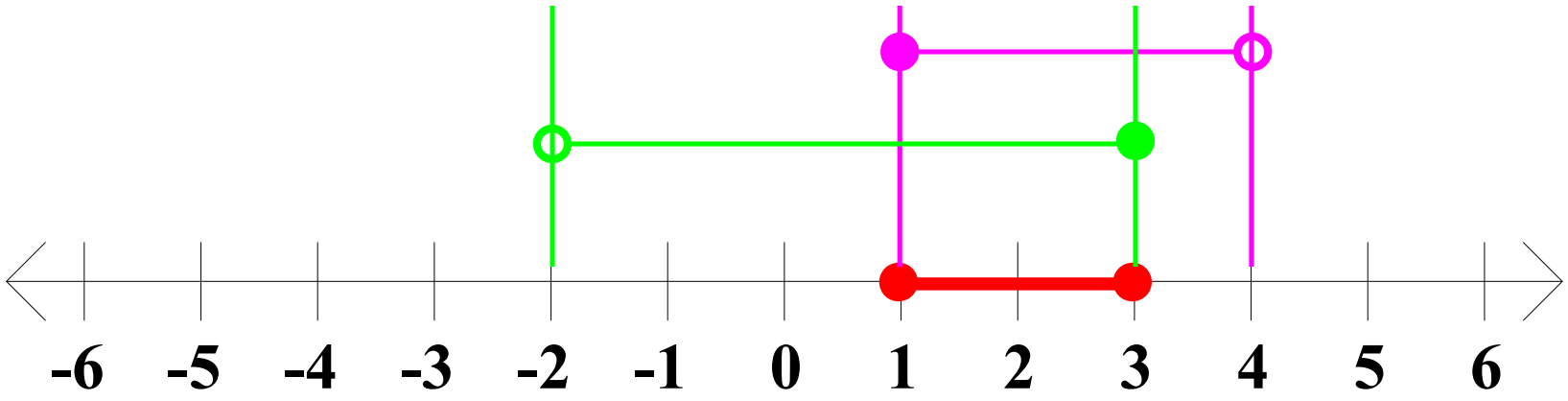

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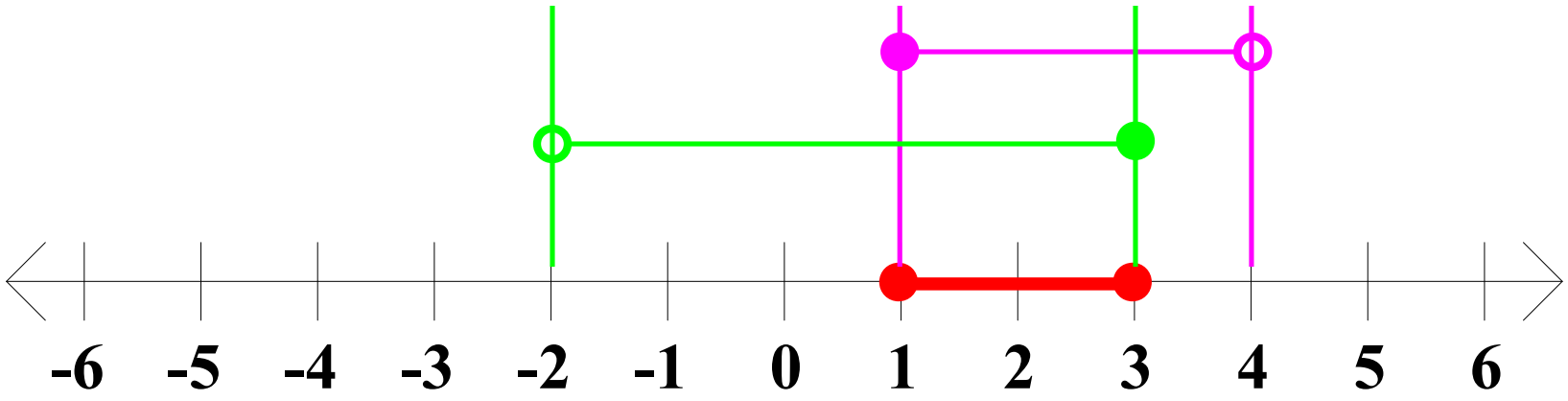

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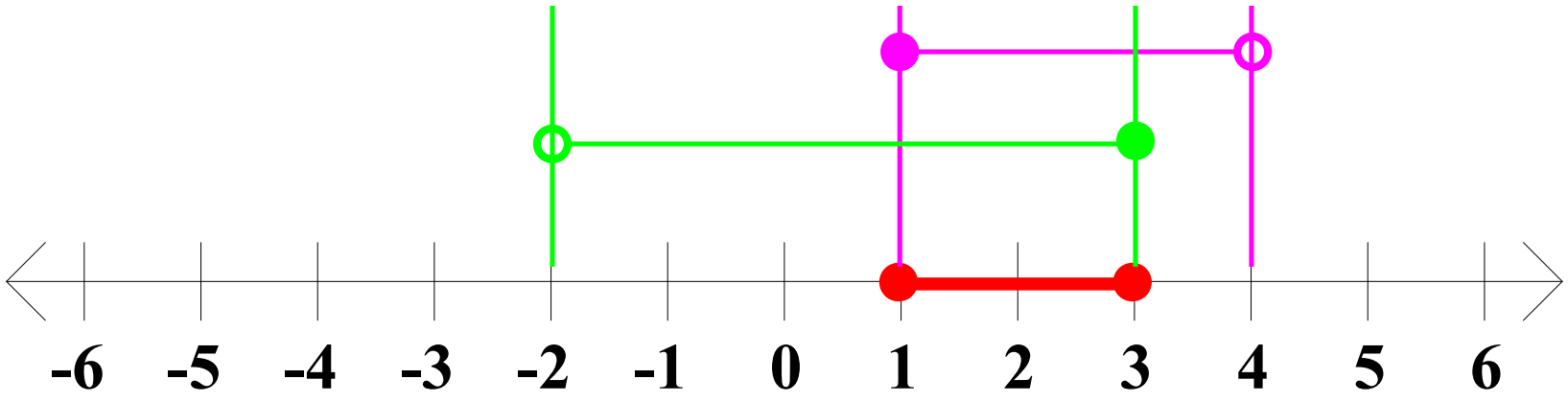

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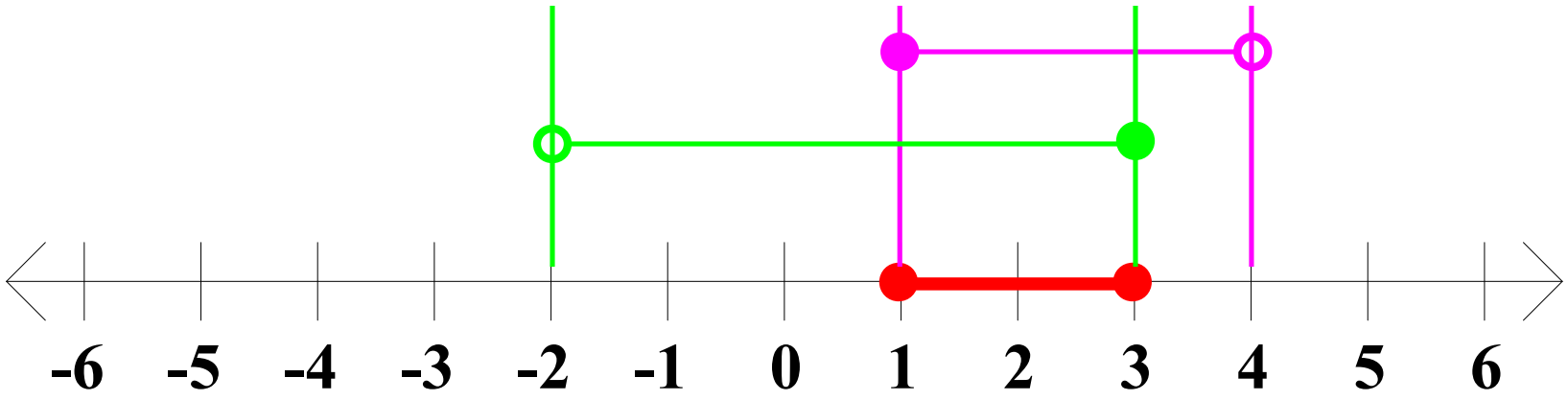

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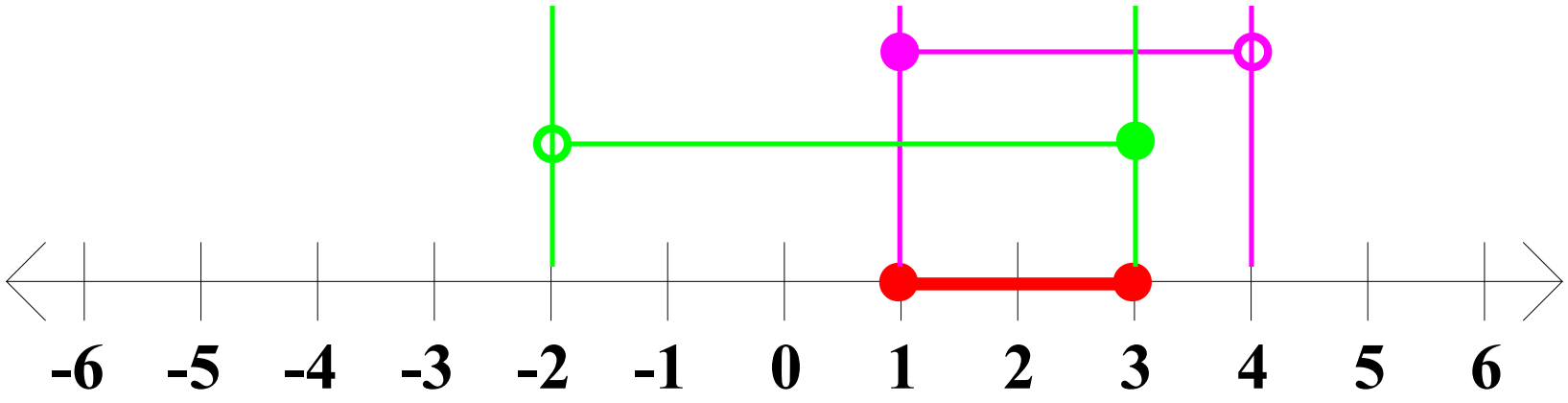

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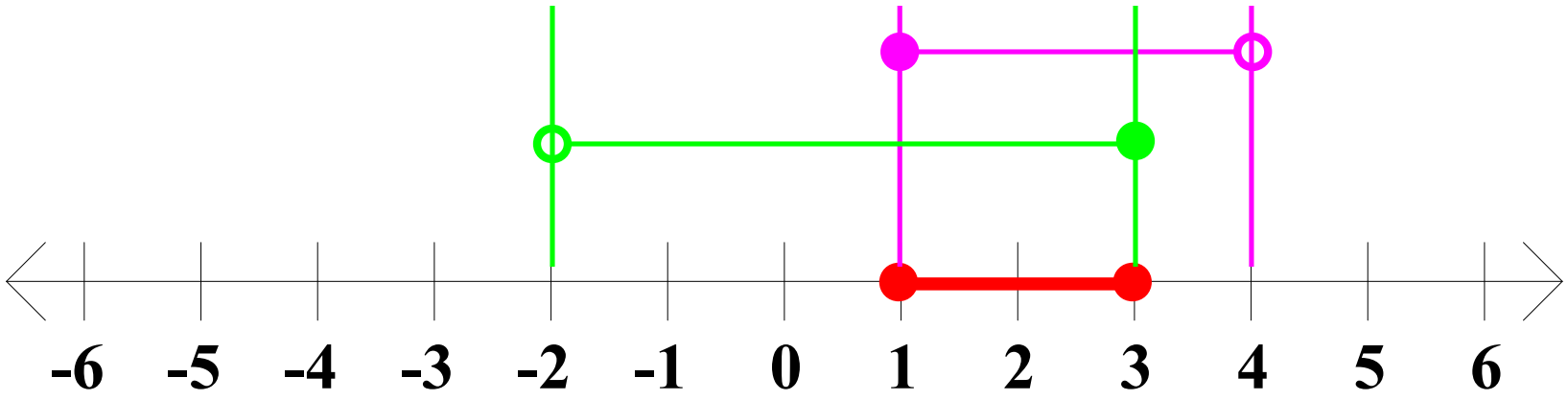

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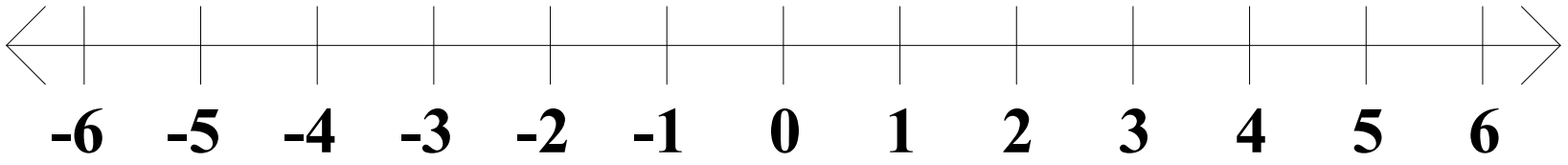

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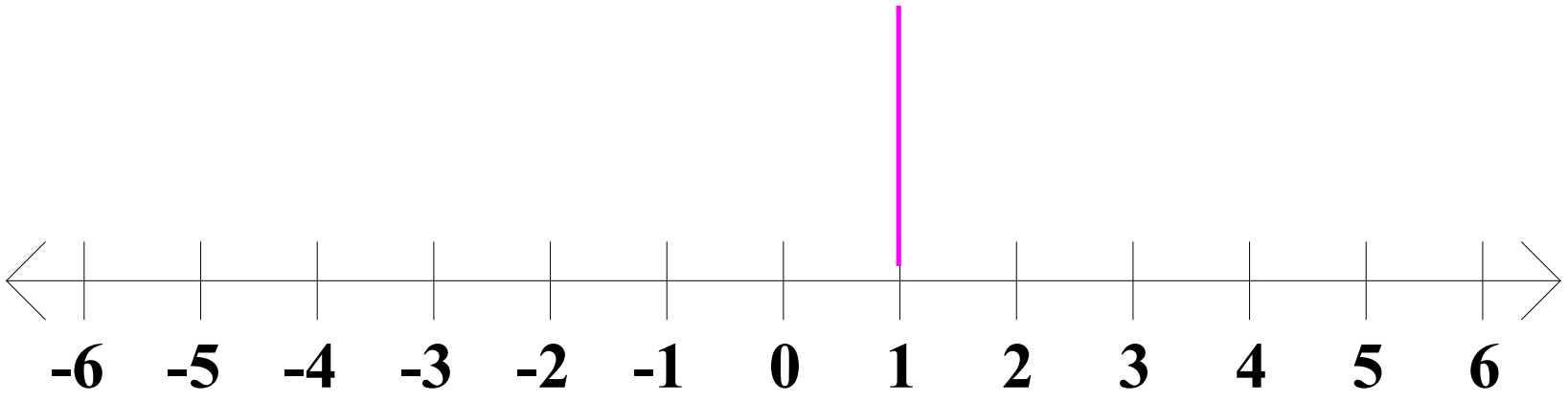

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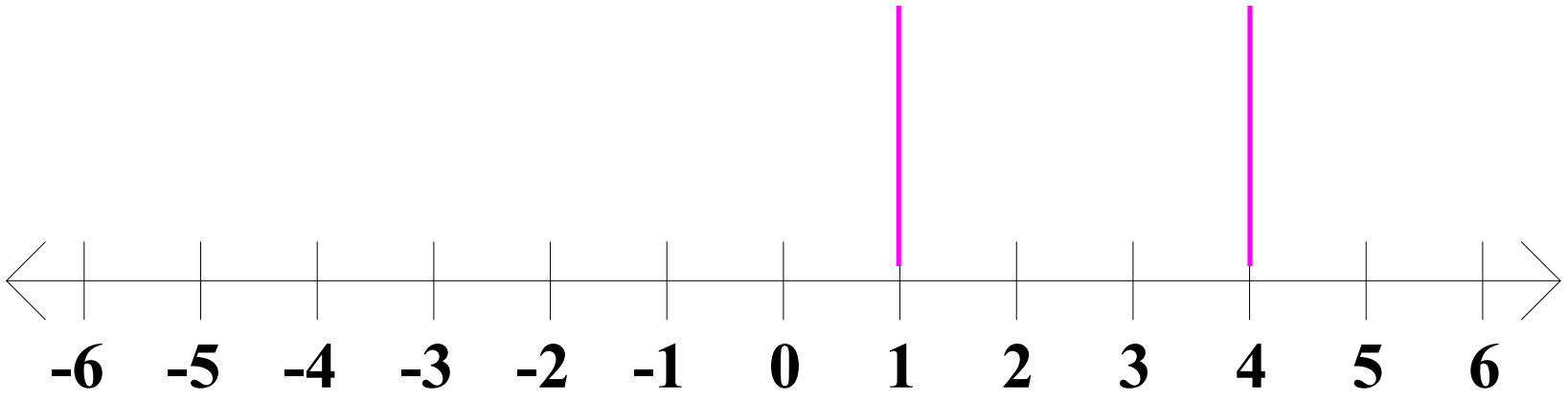

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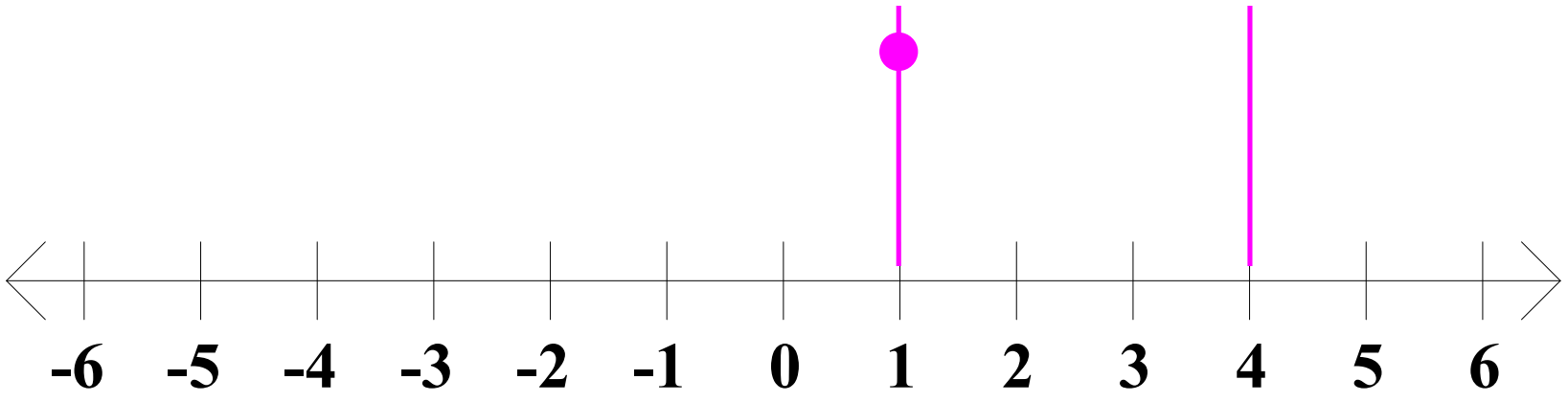

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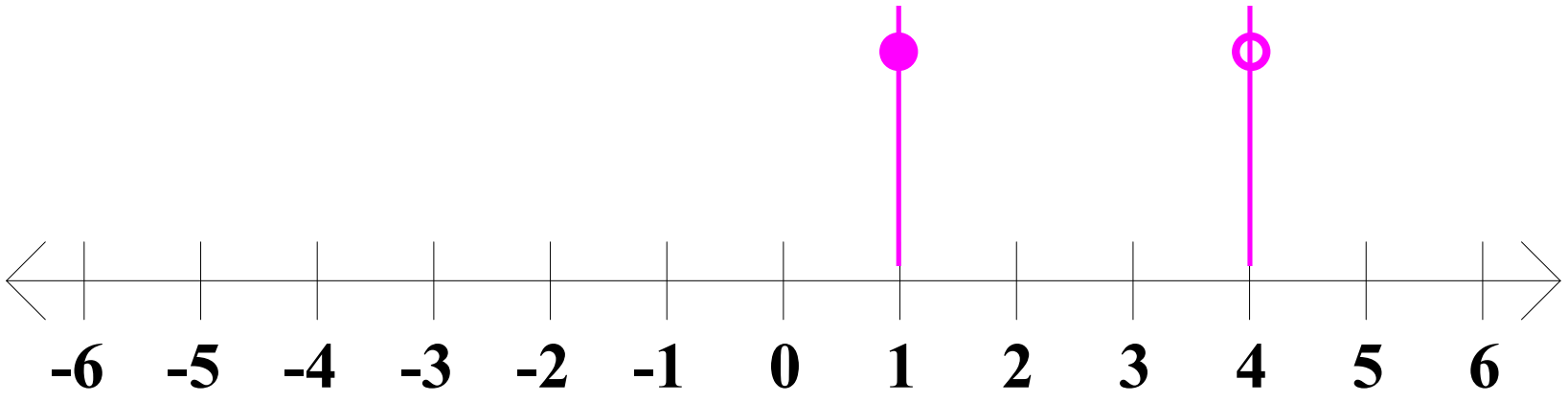

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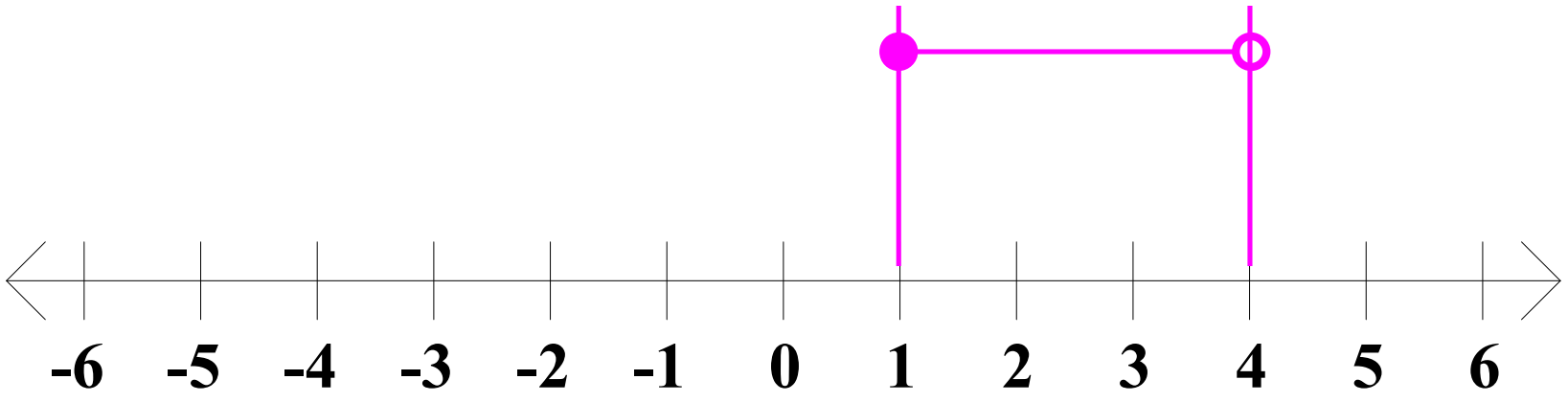

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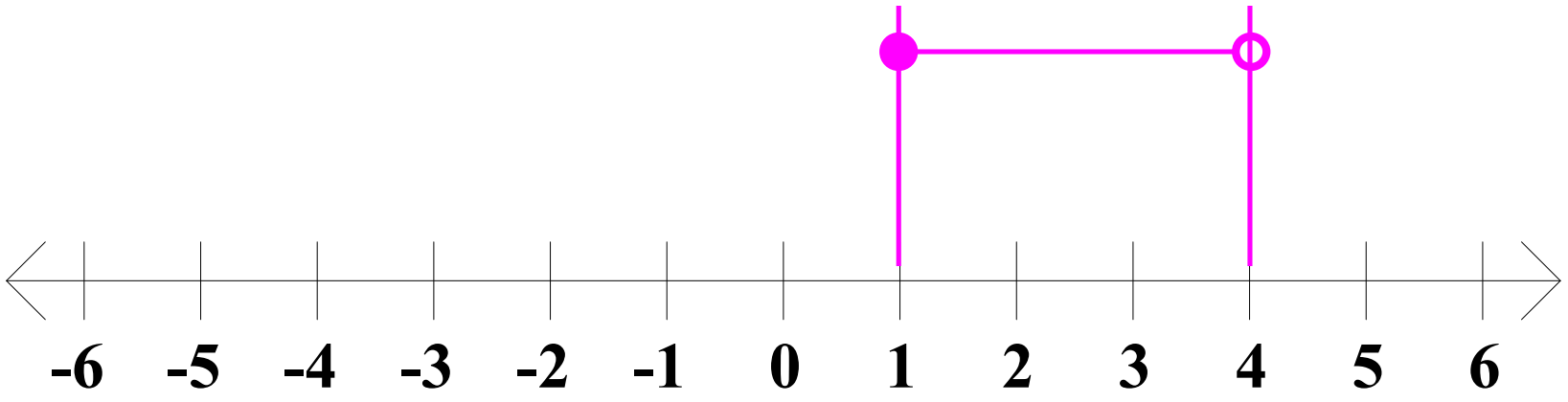

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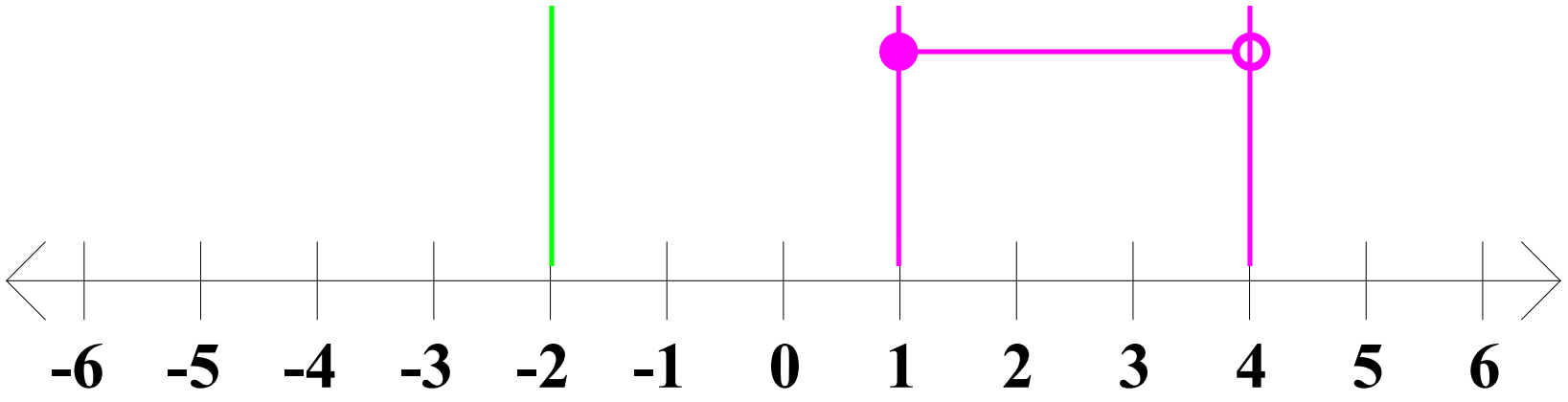

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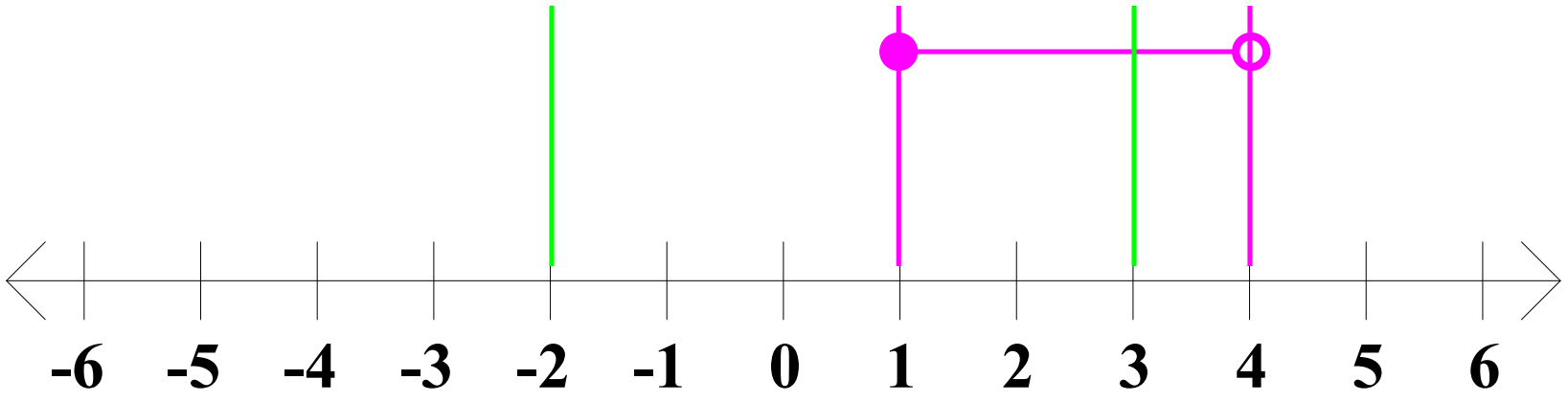

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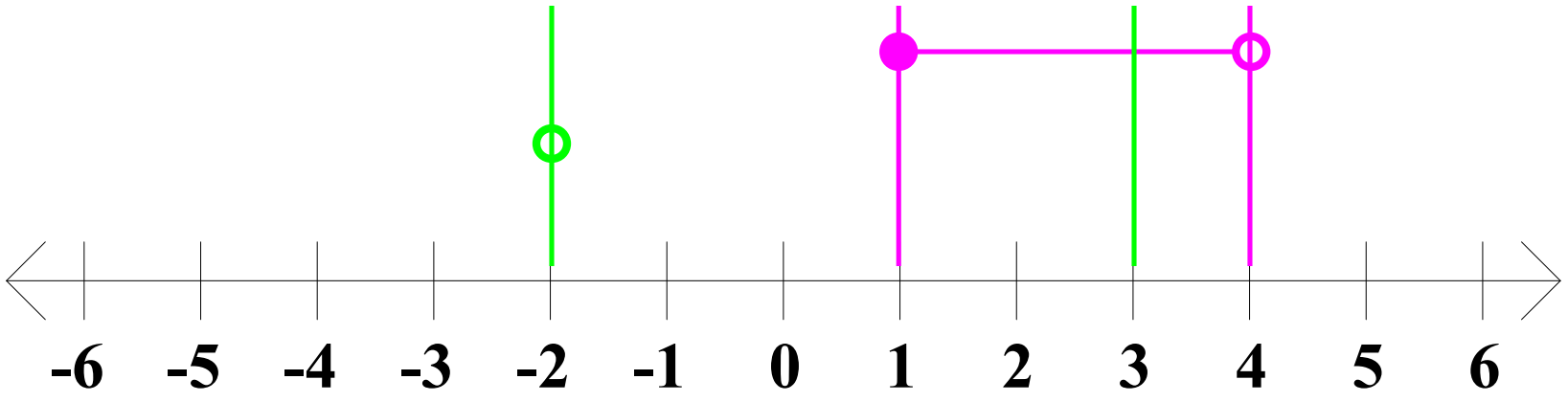

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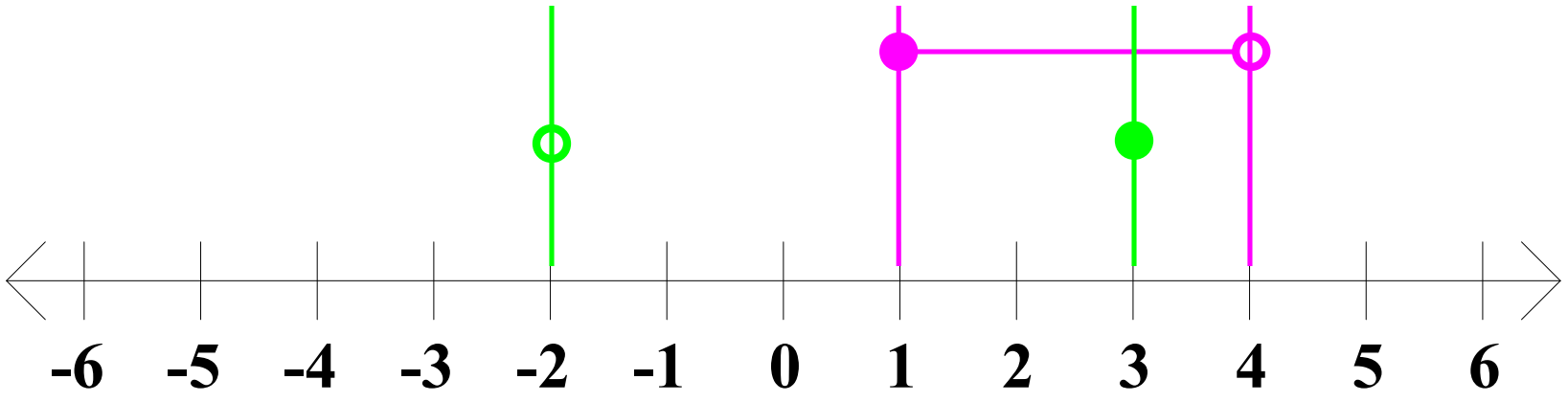

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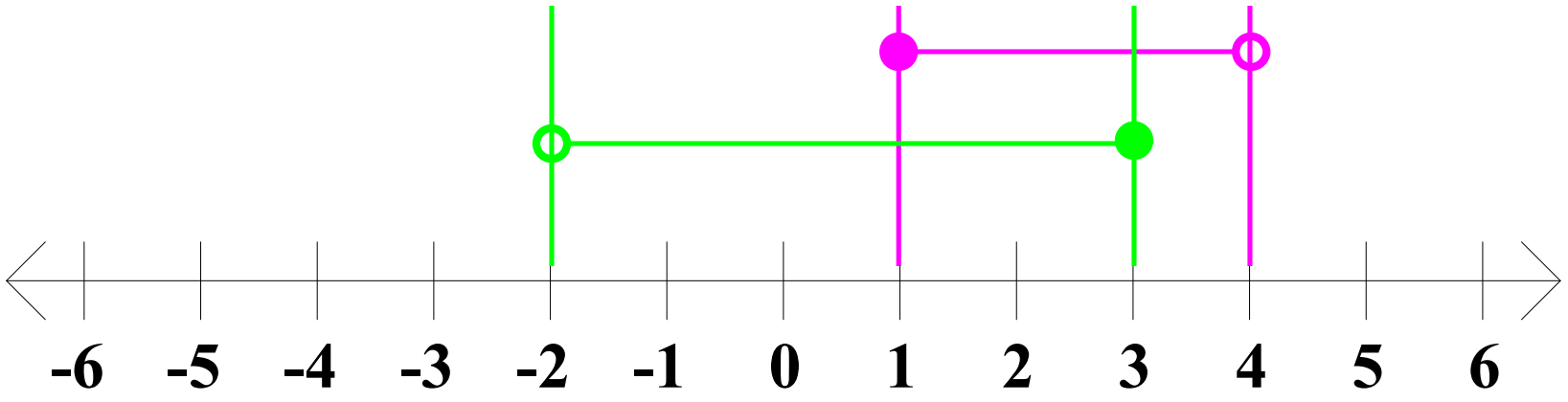

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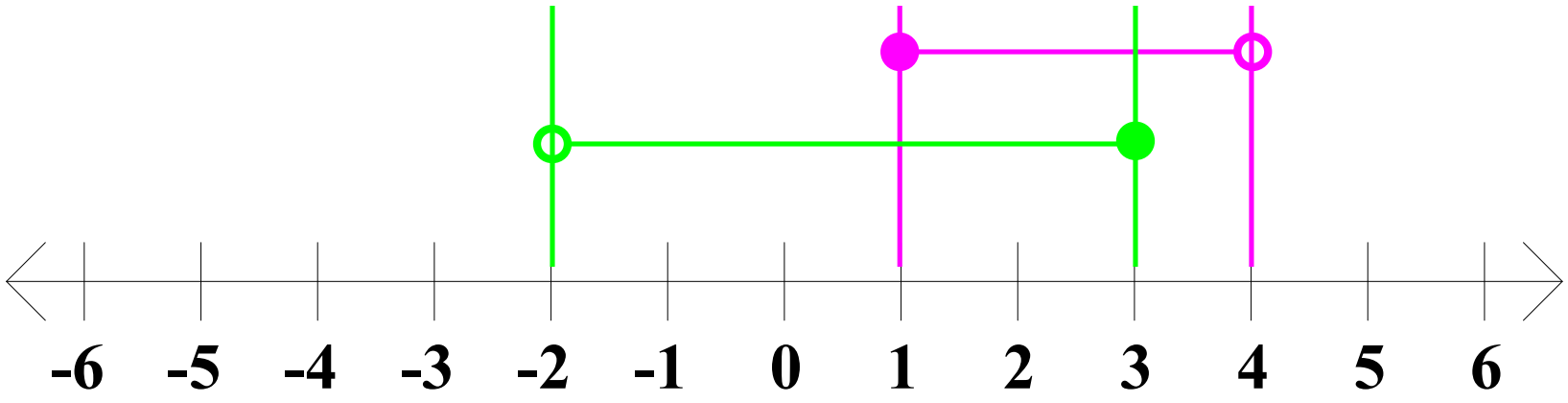

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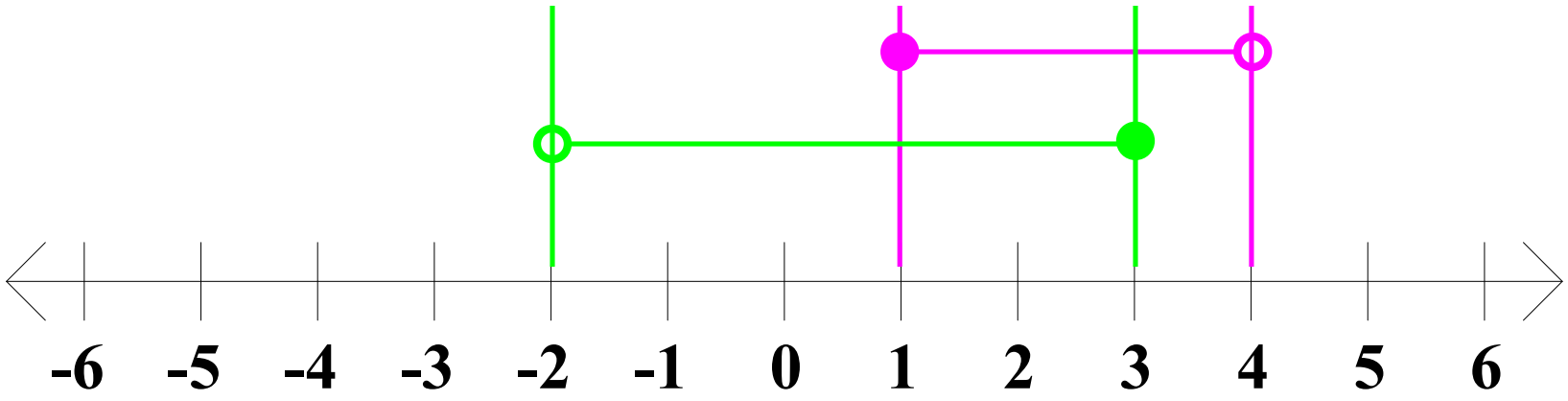

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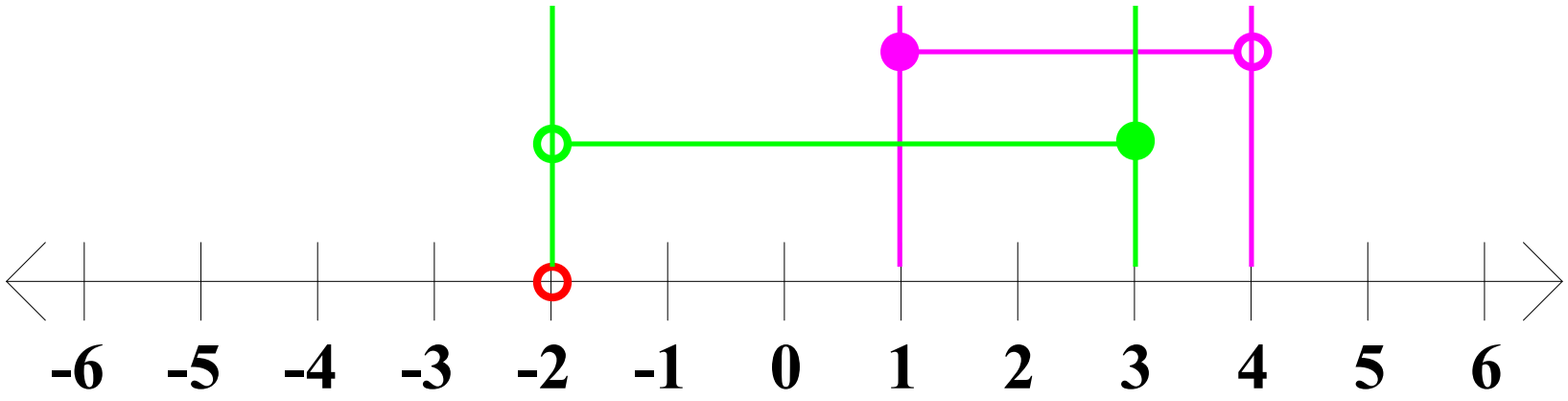

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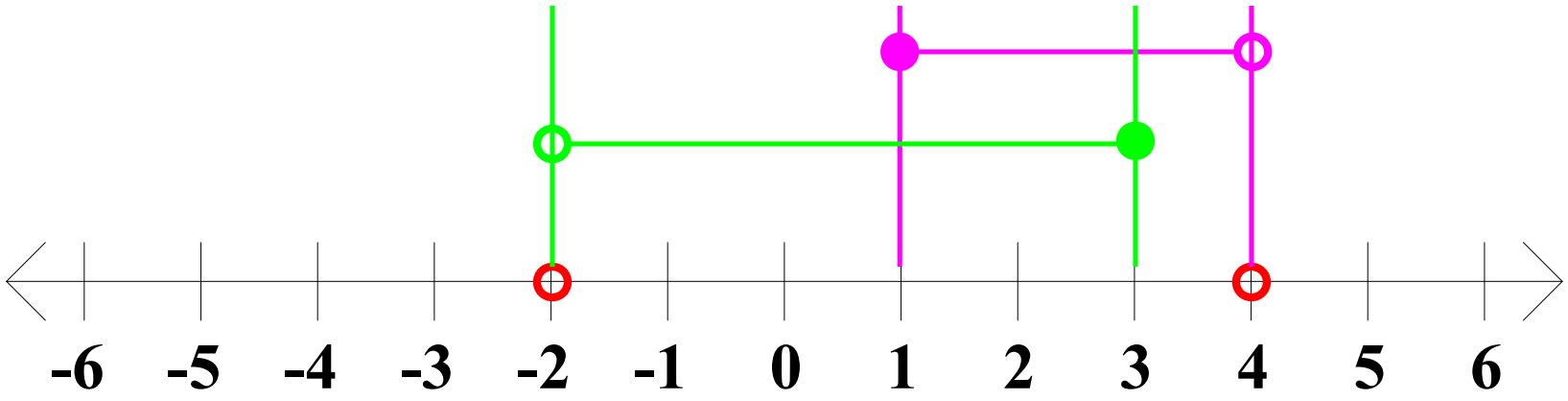

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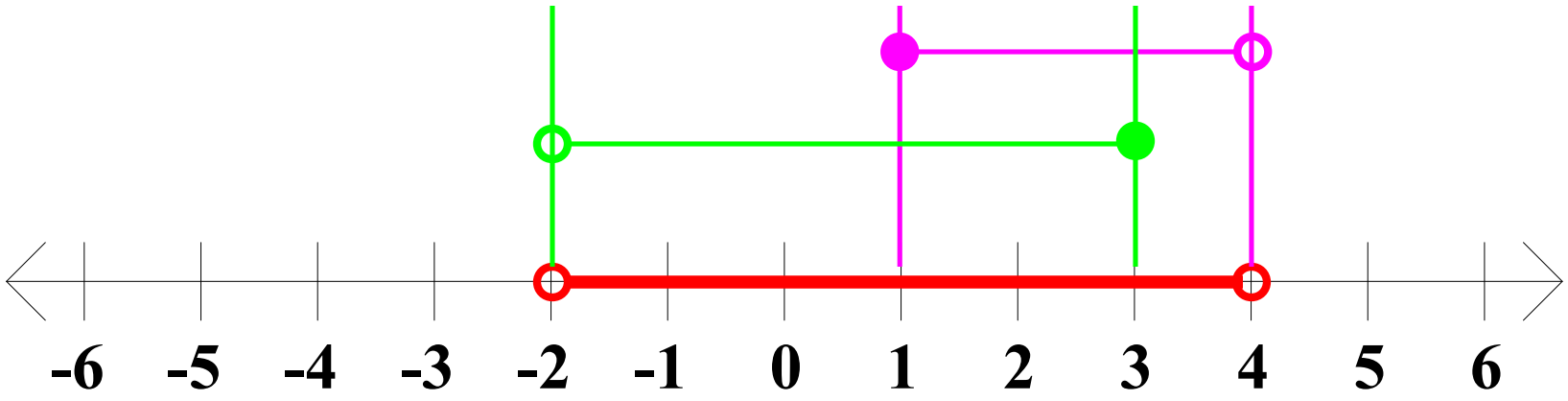

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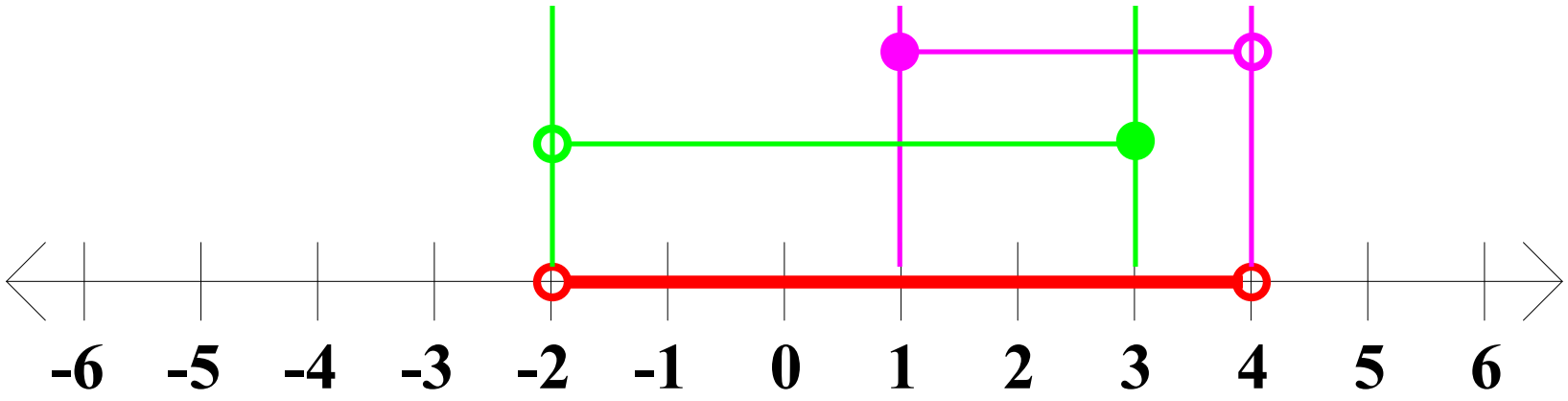

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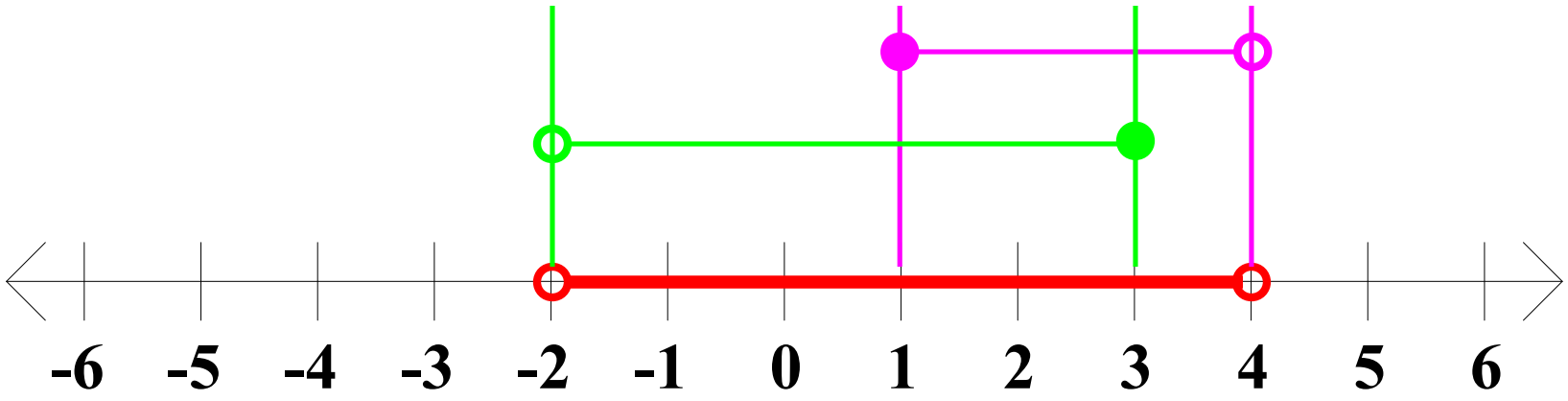

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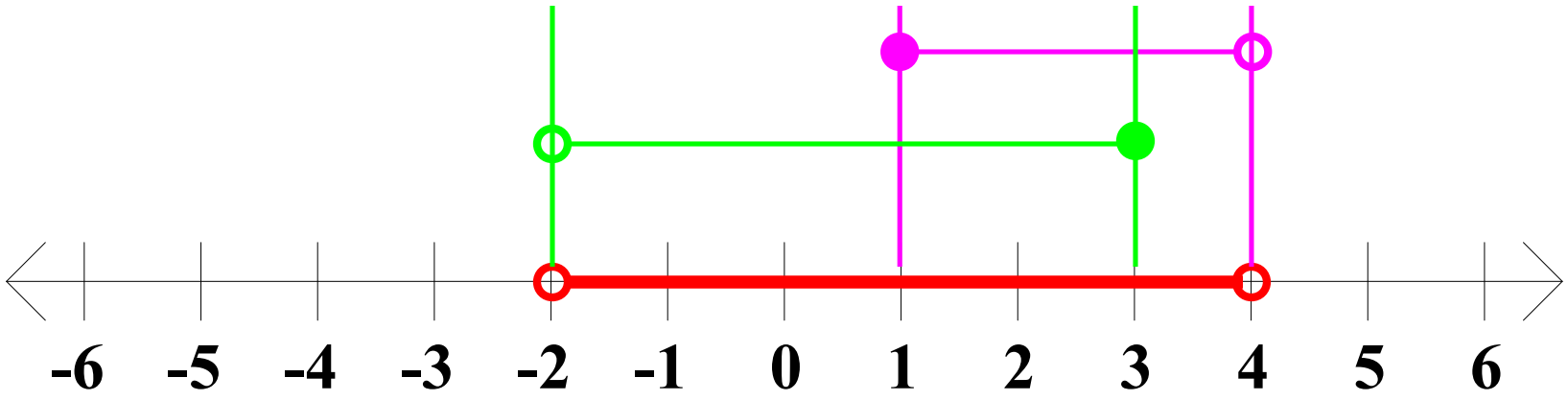

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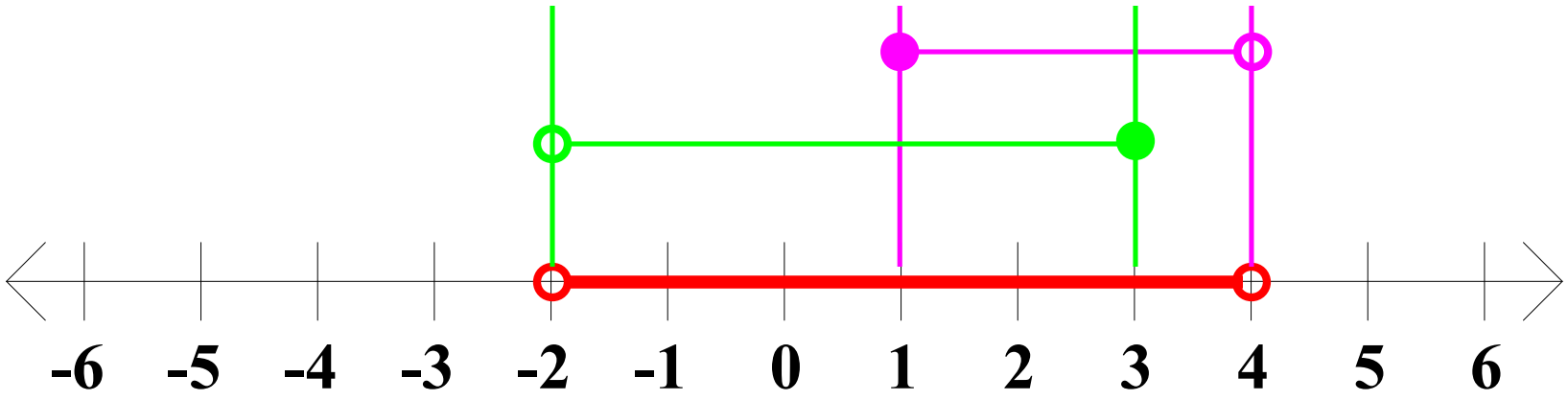

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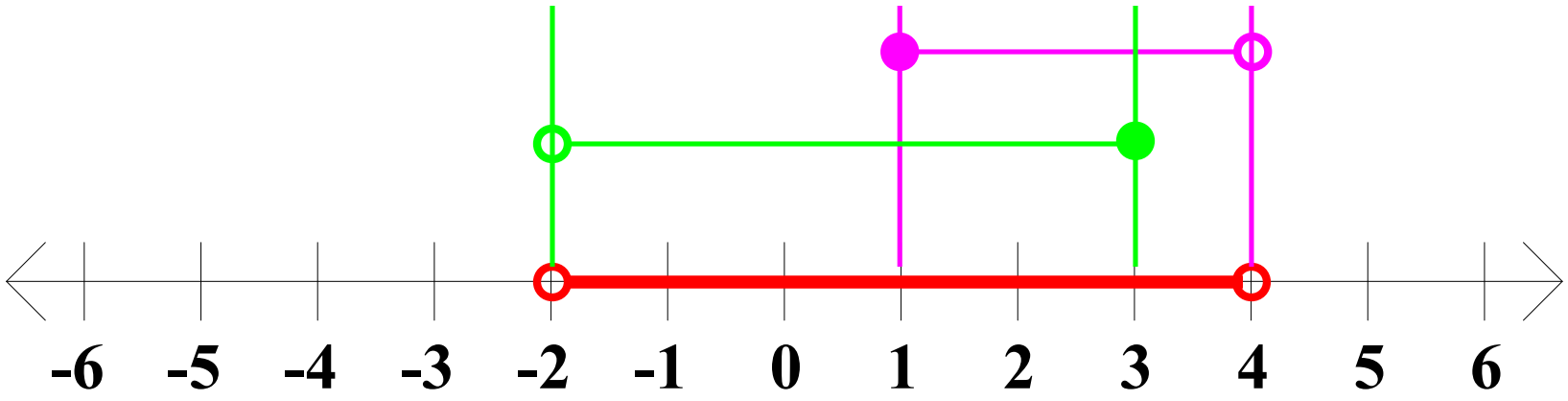

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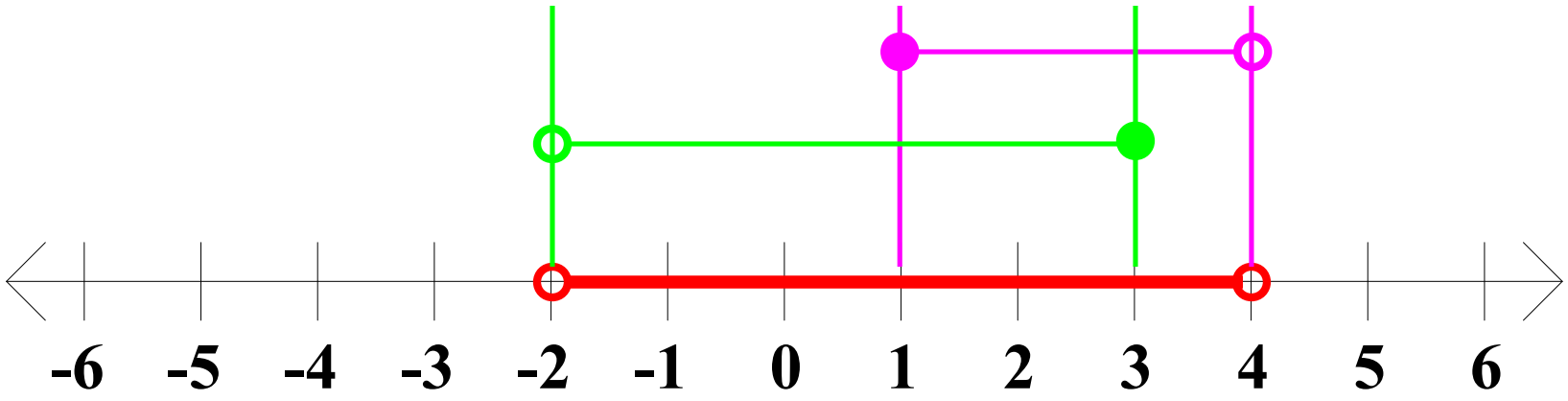

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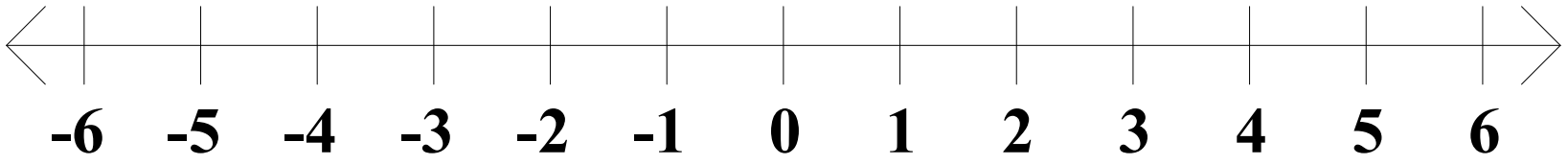

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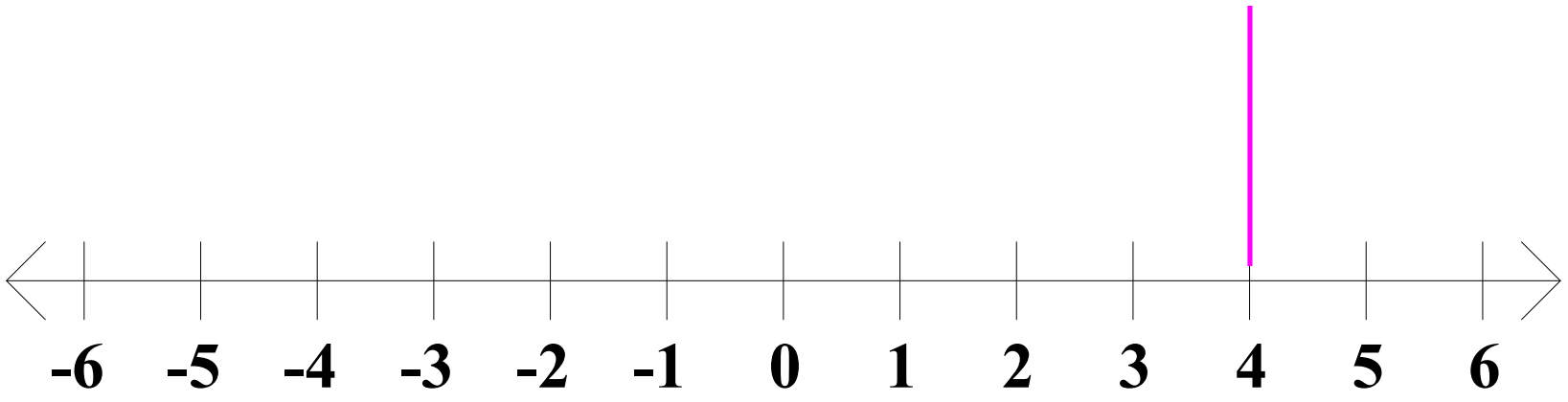

General Algebra II CWS #2 Unit 1

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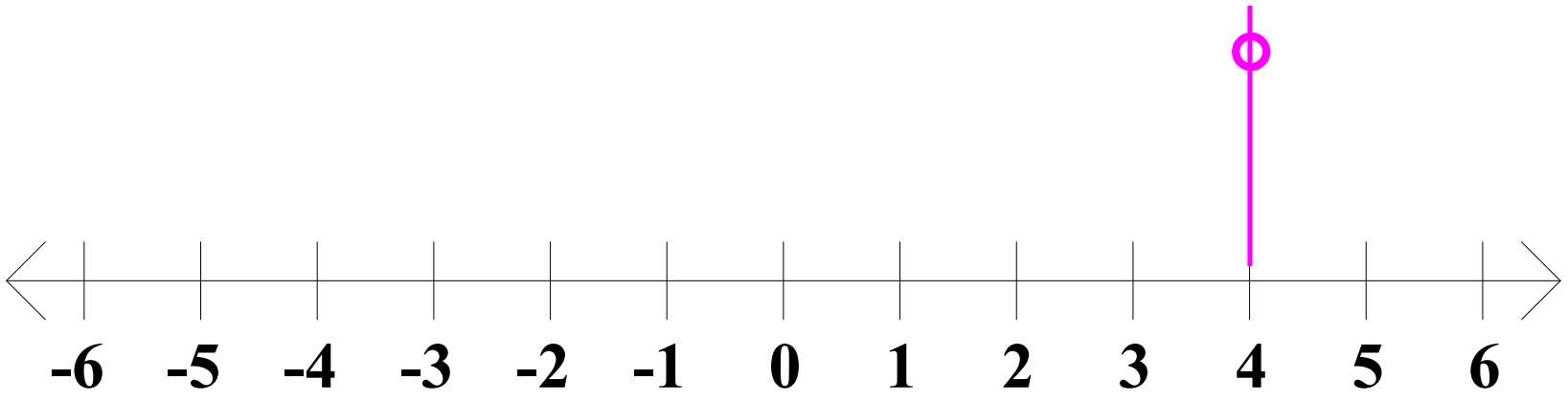

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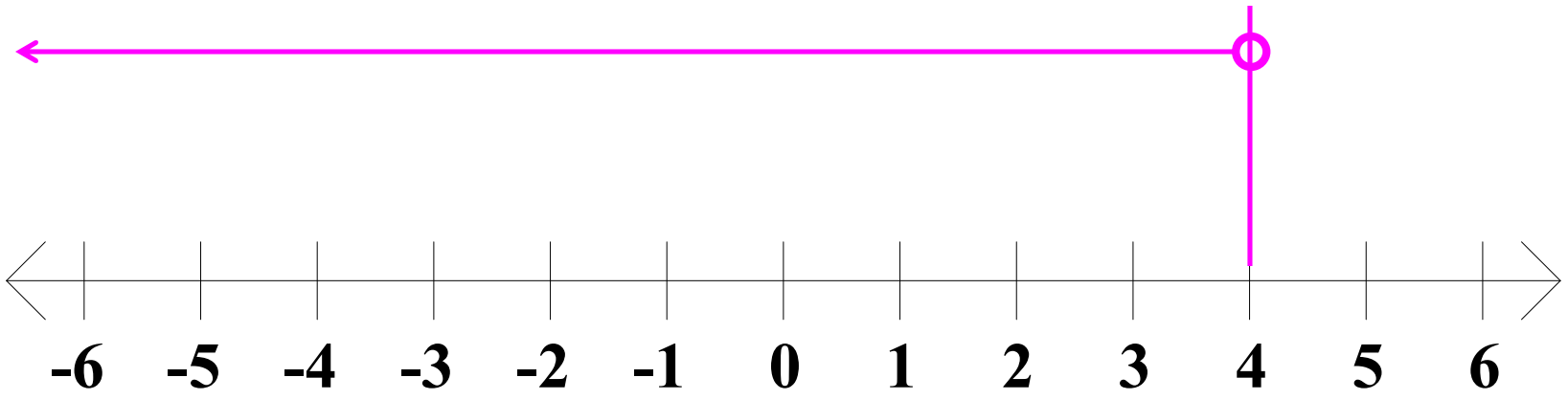

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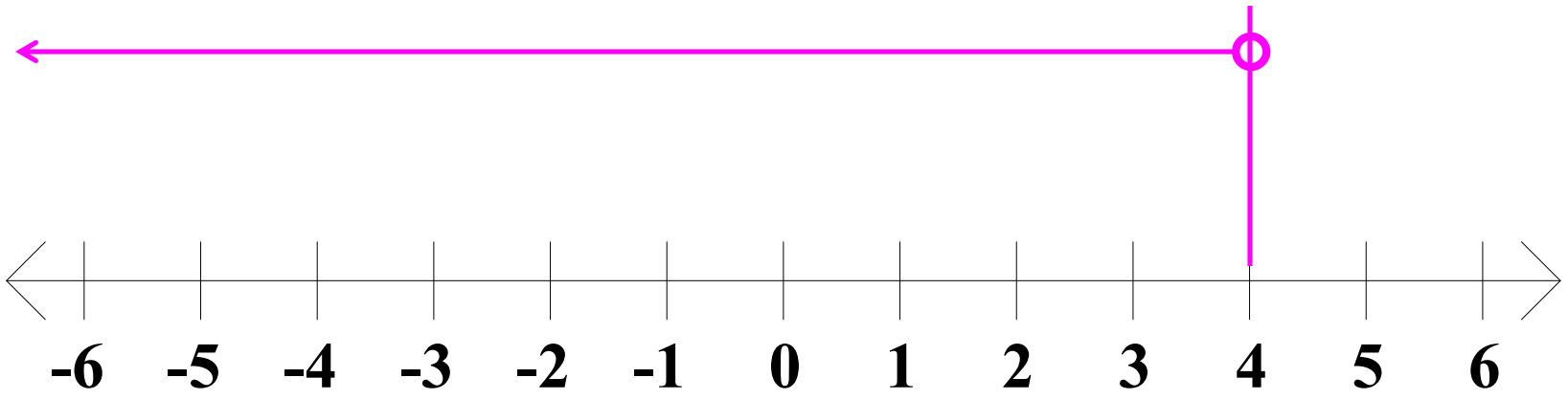

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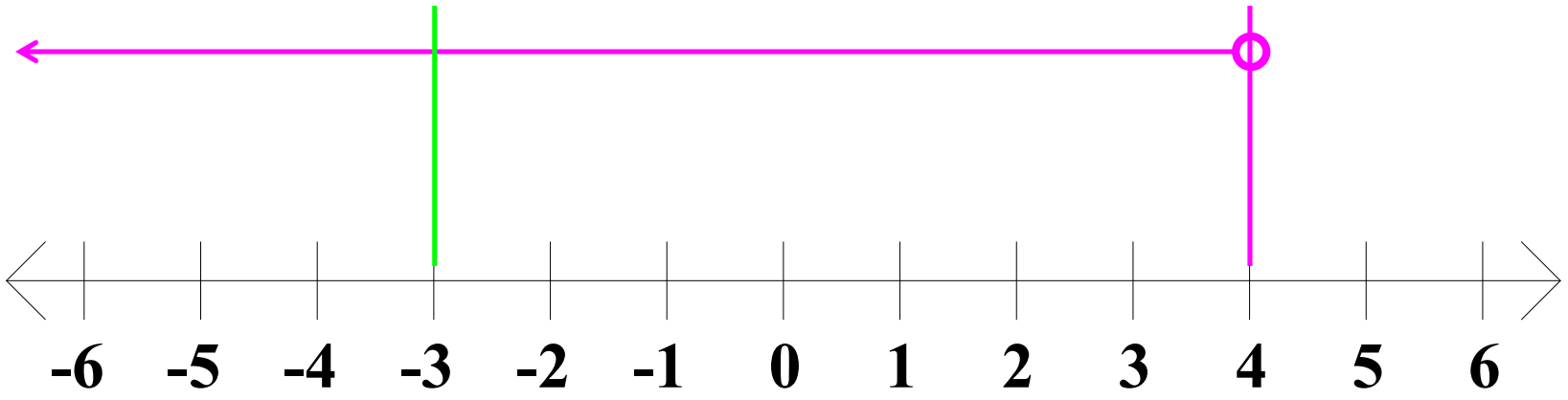

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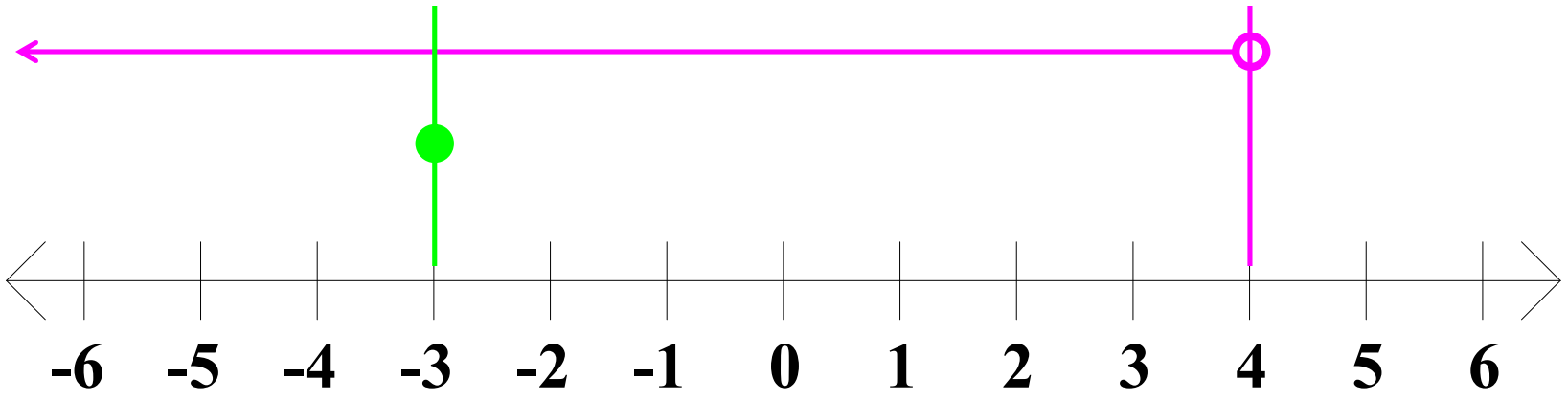

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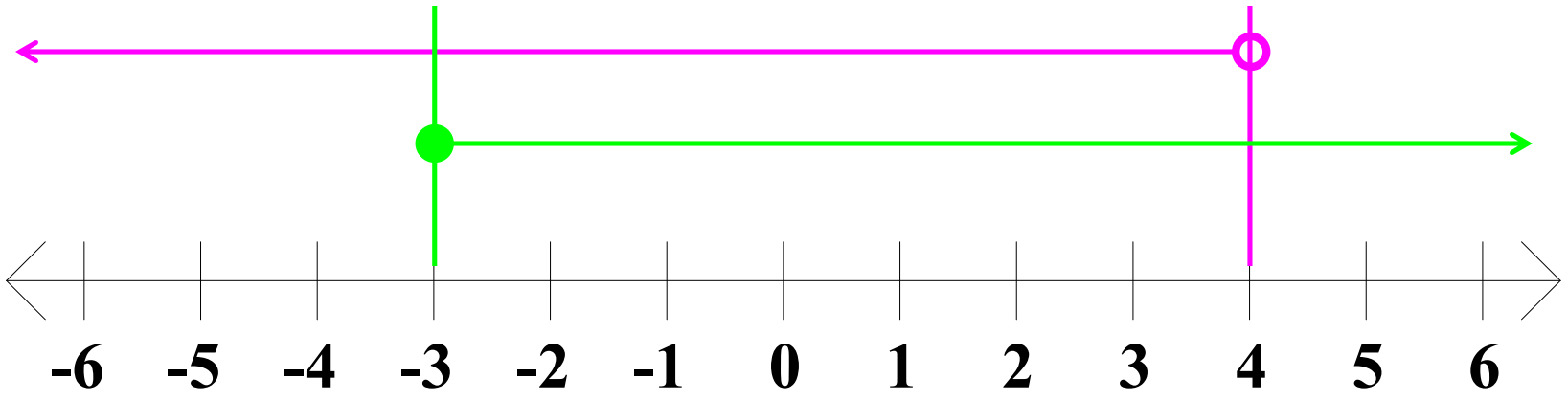

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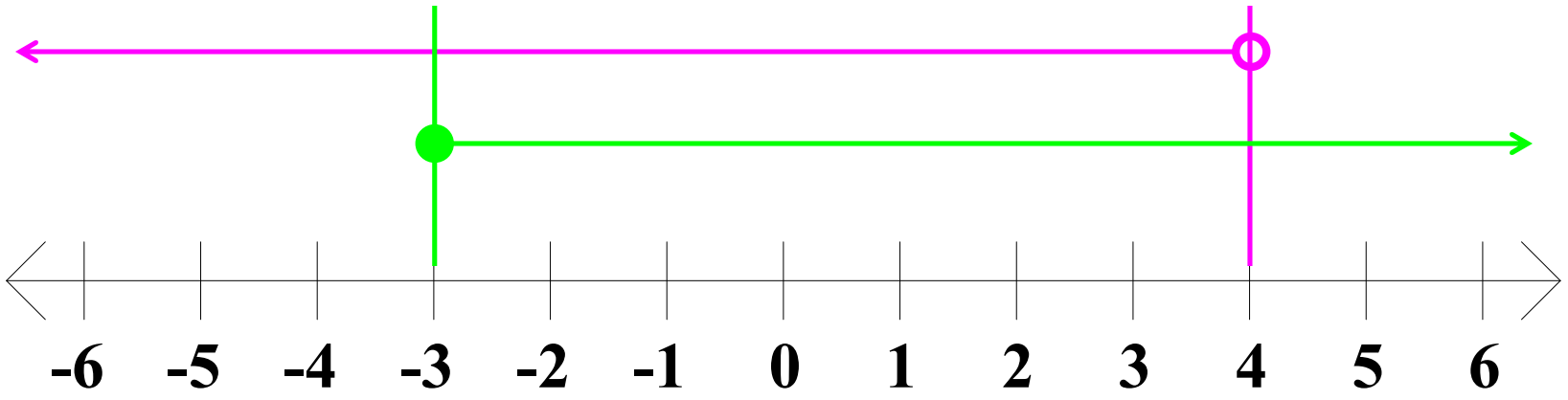

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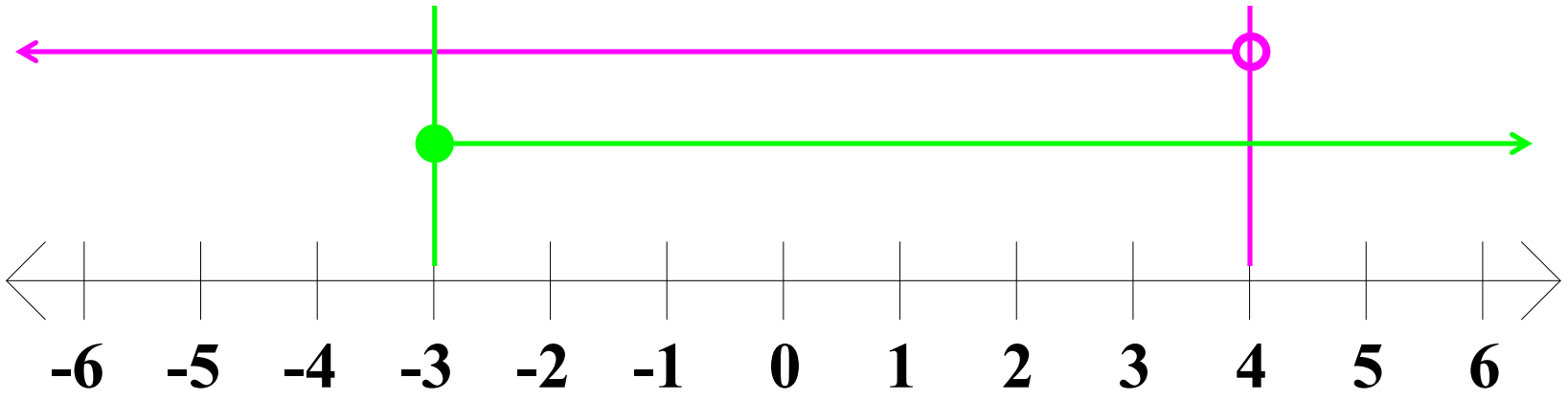

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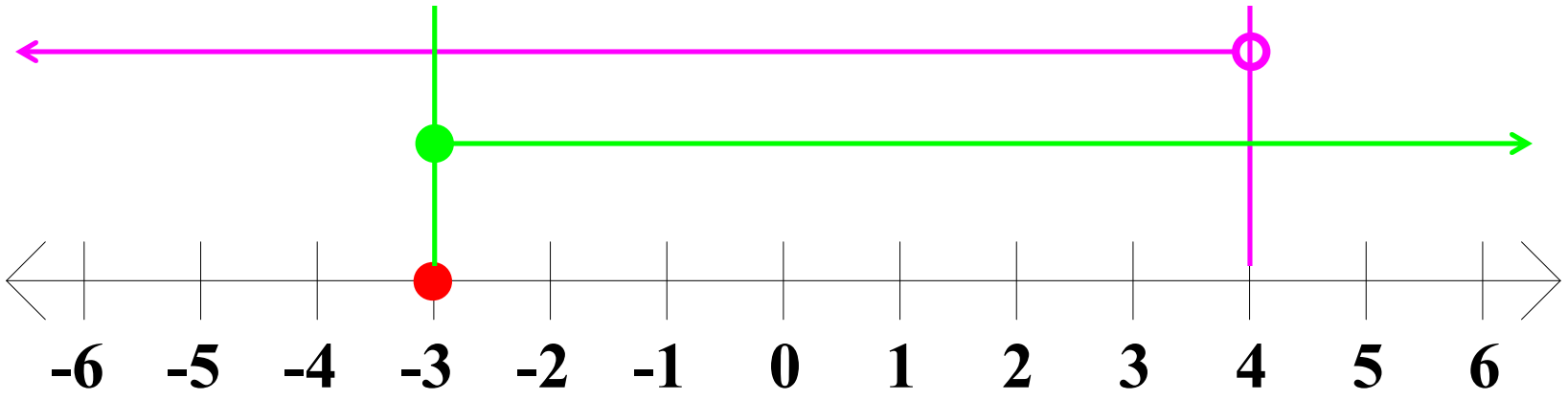

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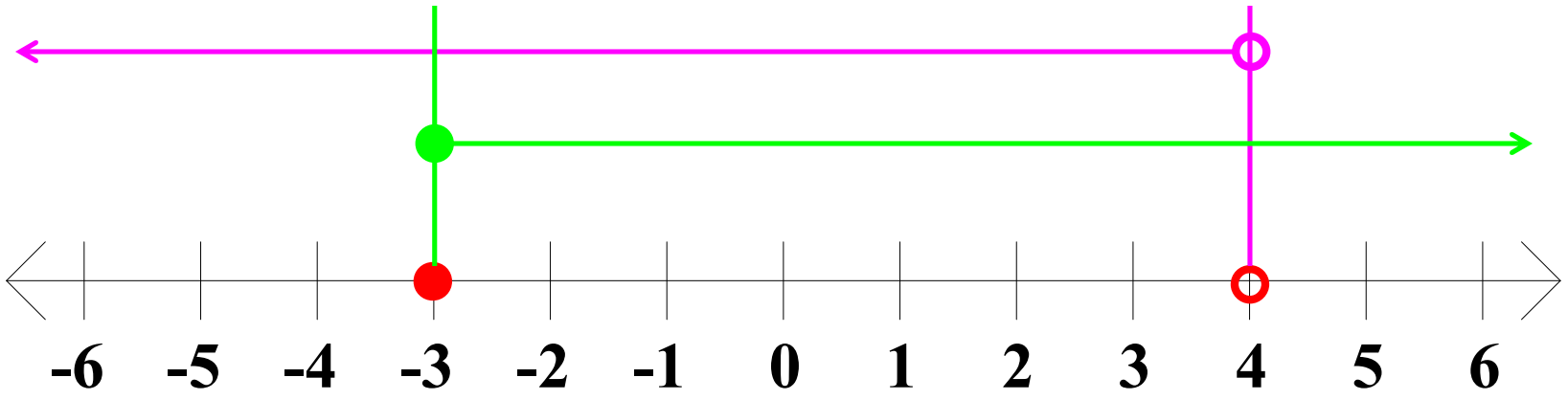

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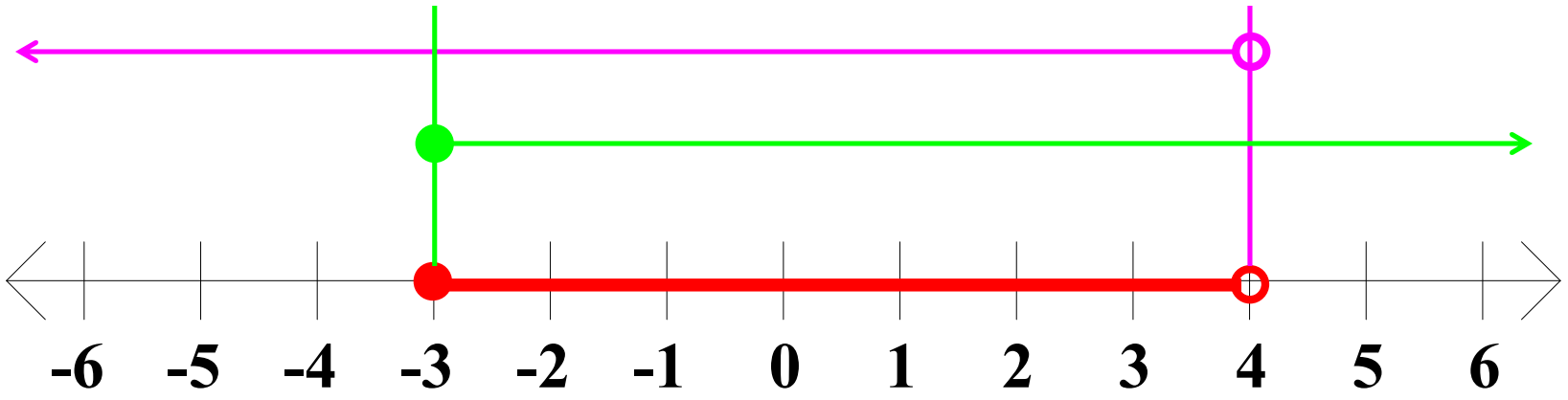

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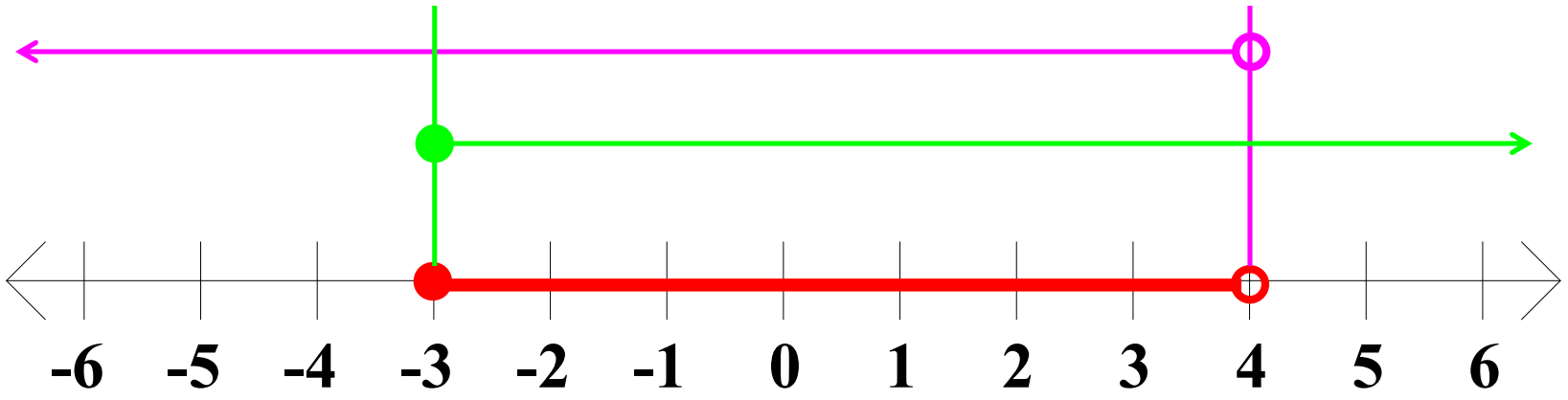

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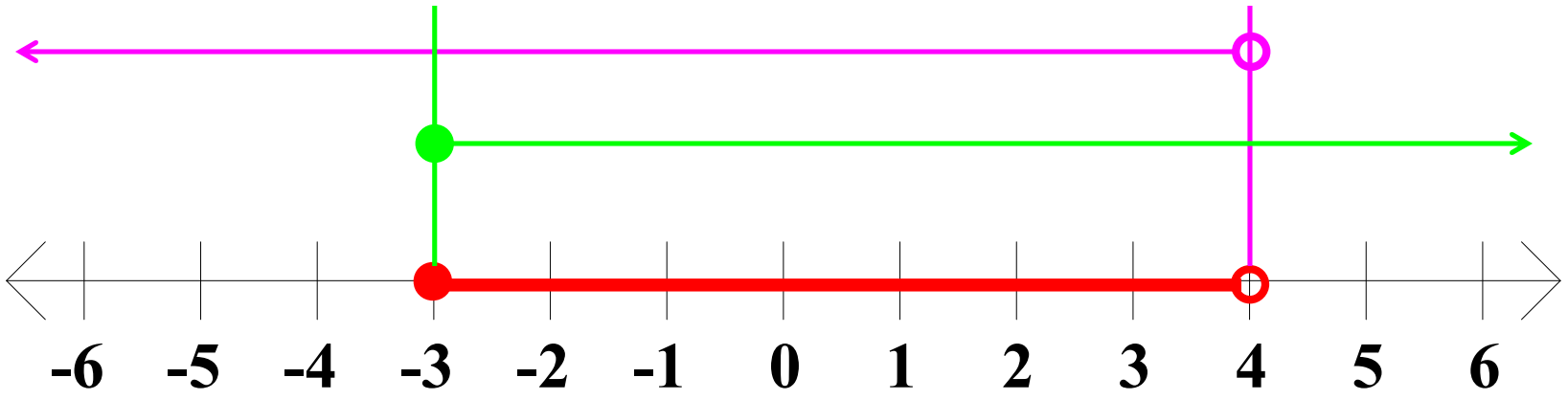

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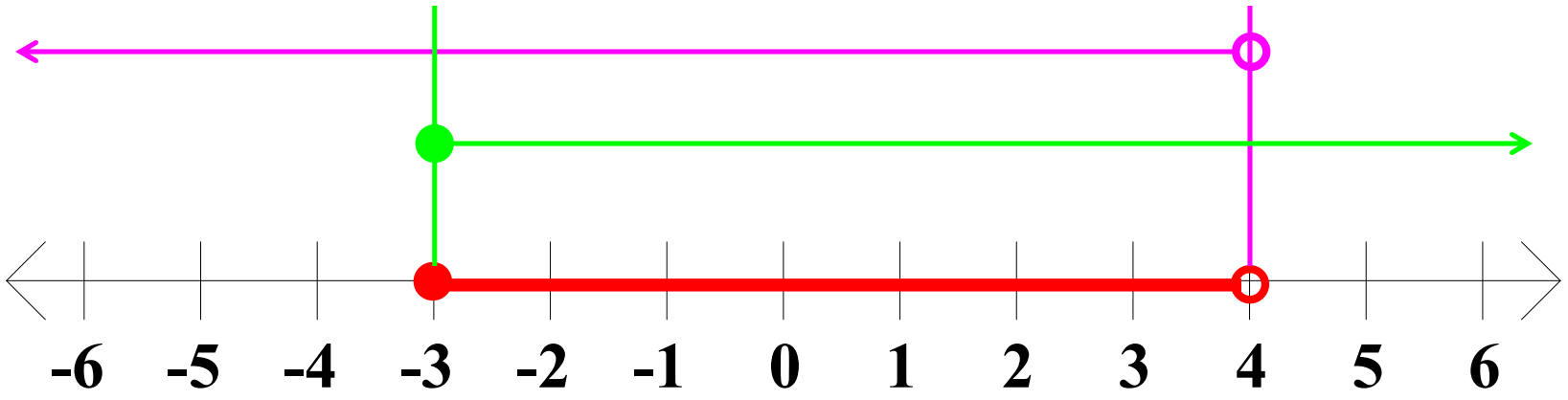

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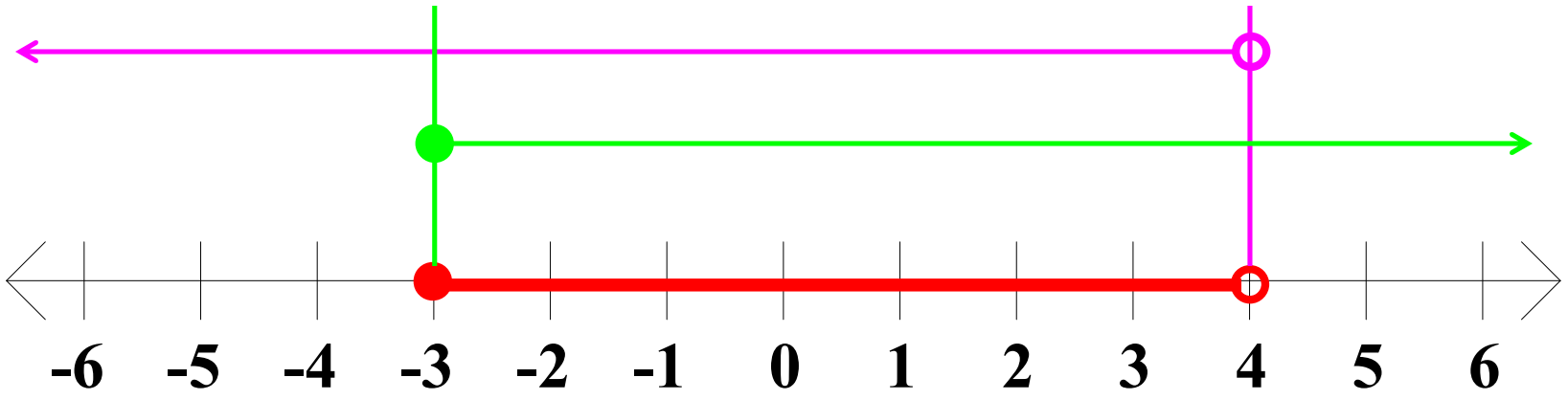

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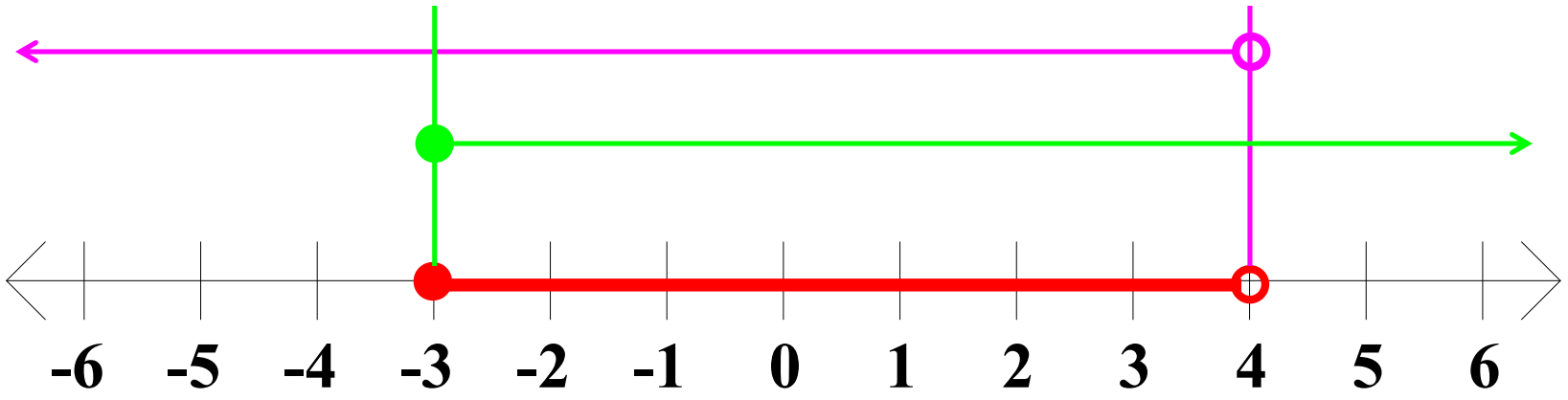

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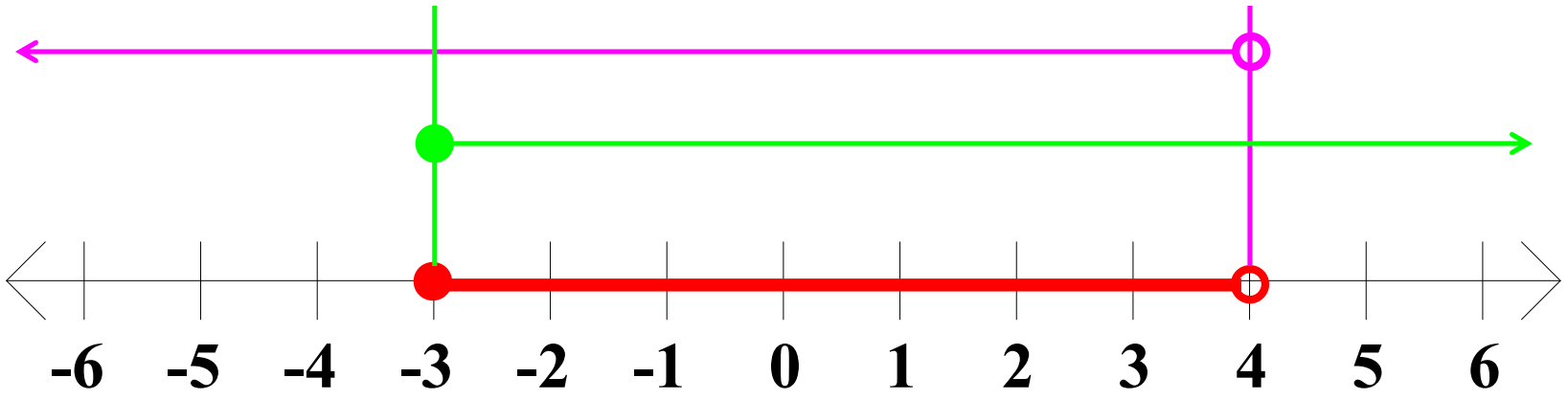

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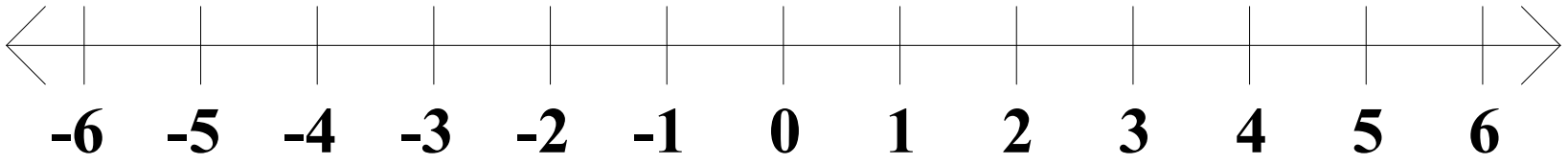

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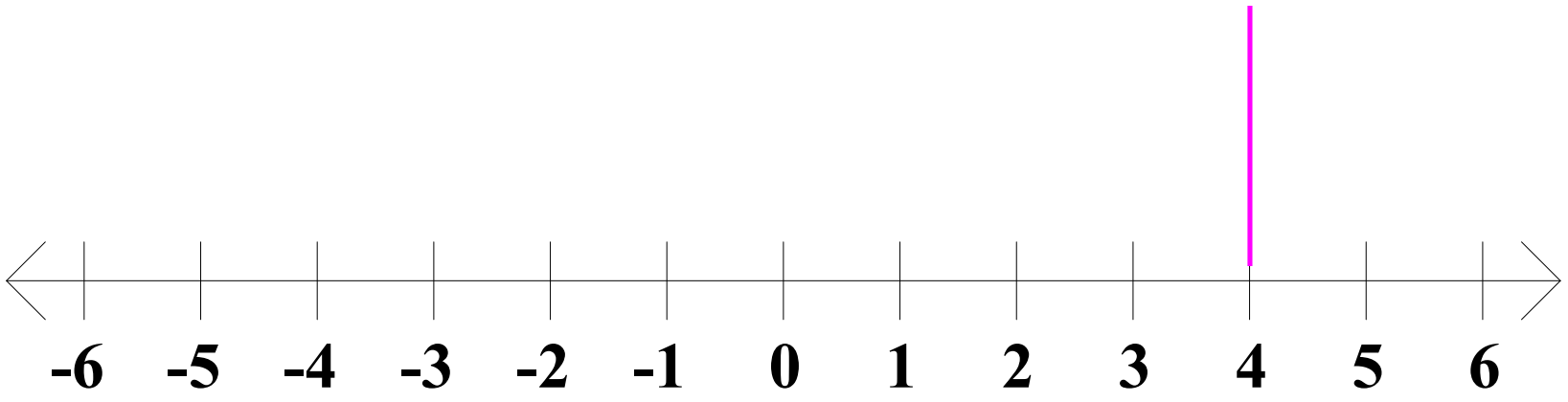

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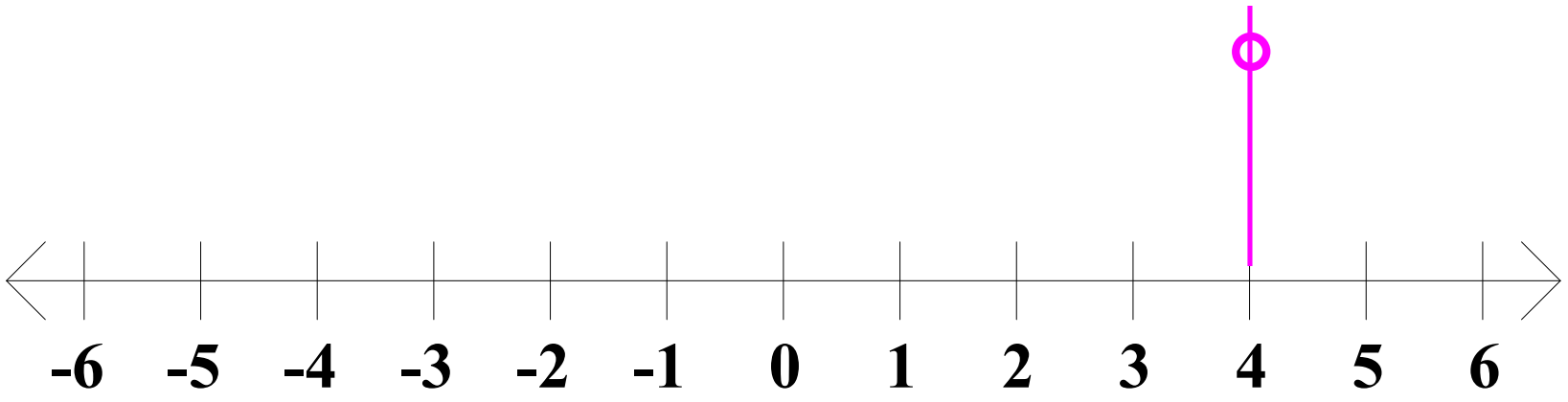

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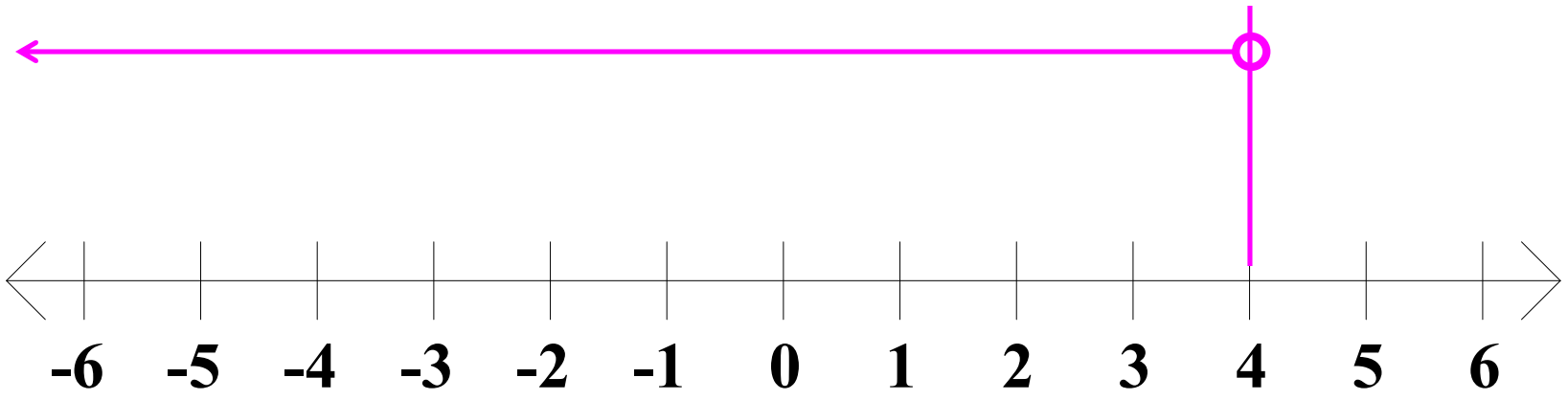

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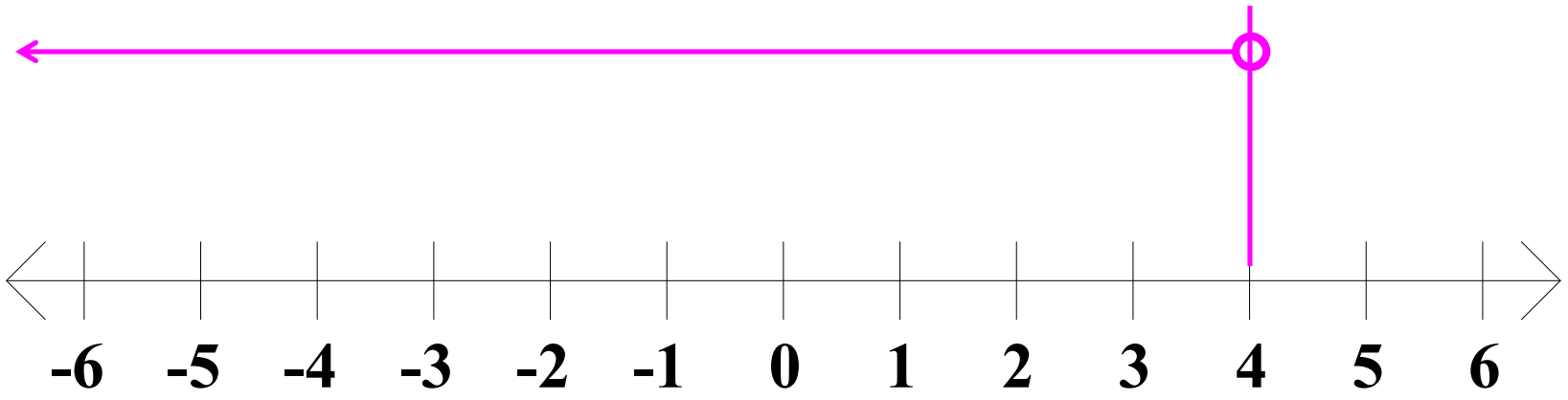

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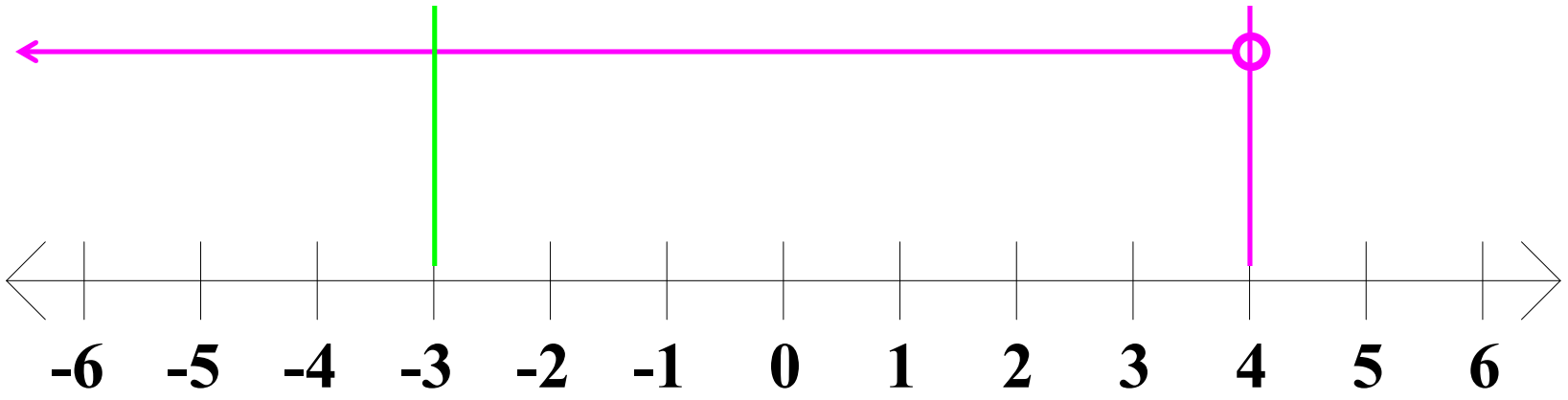

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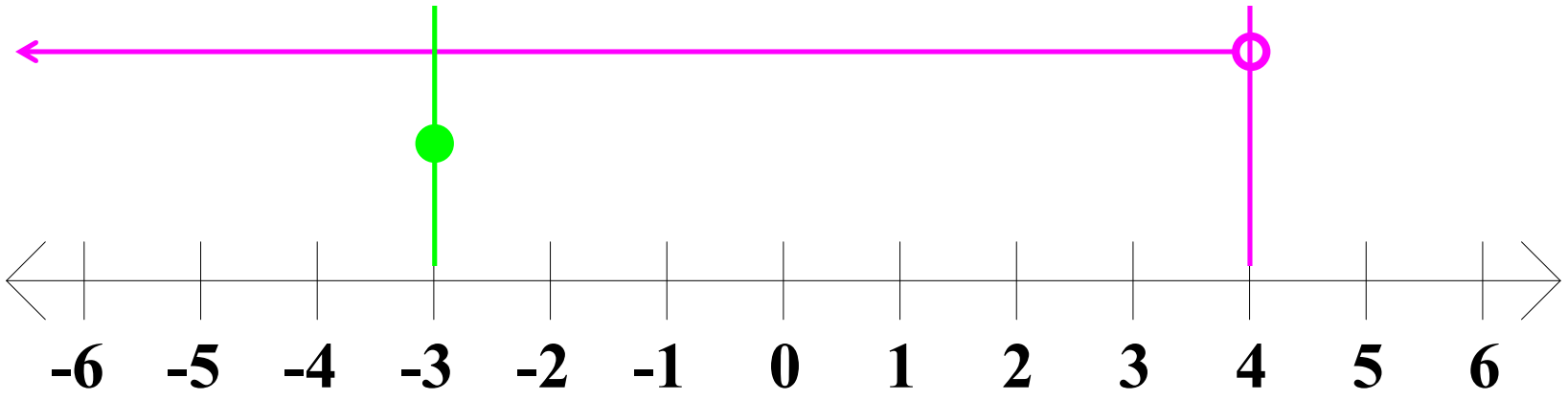

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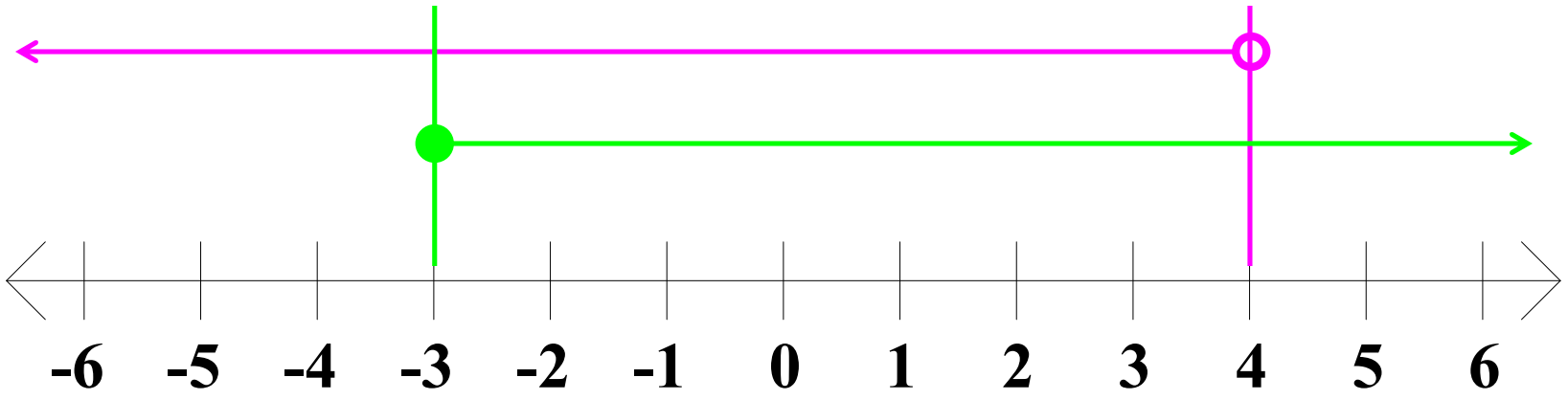

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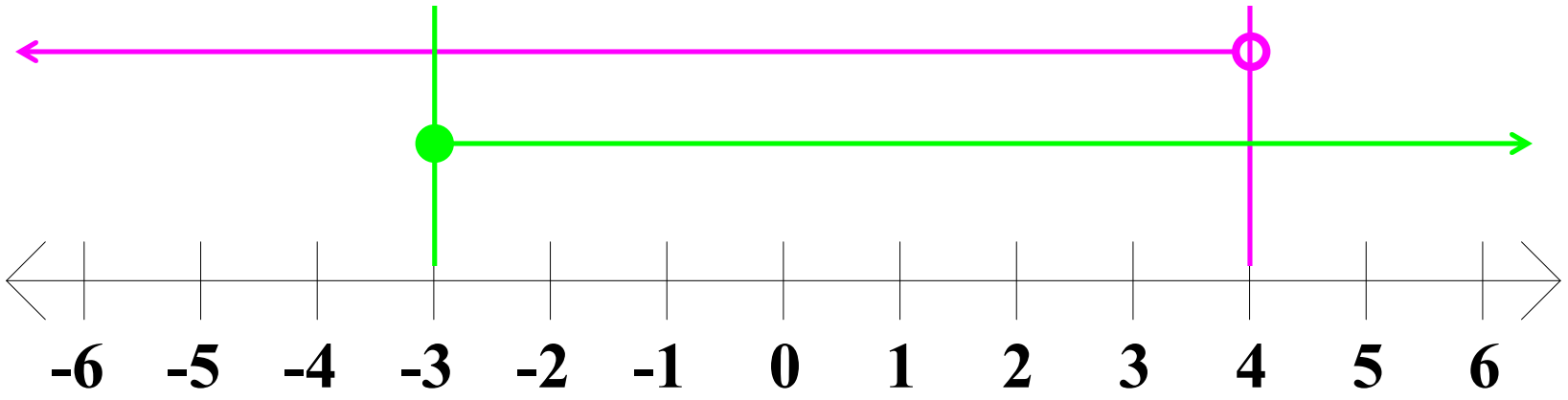

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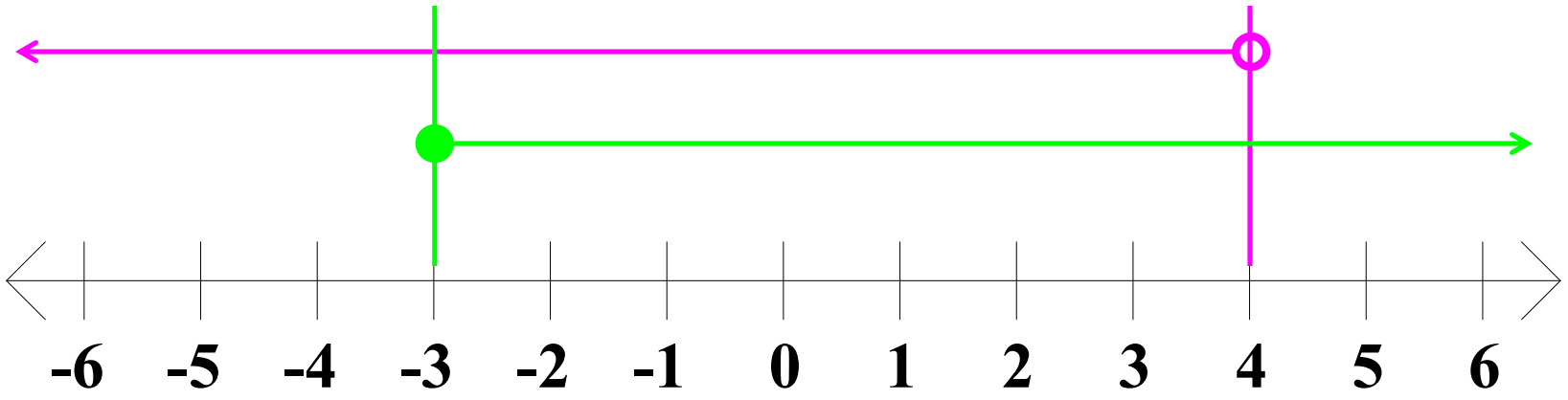

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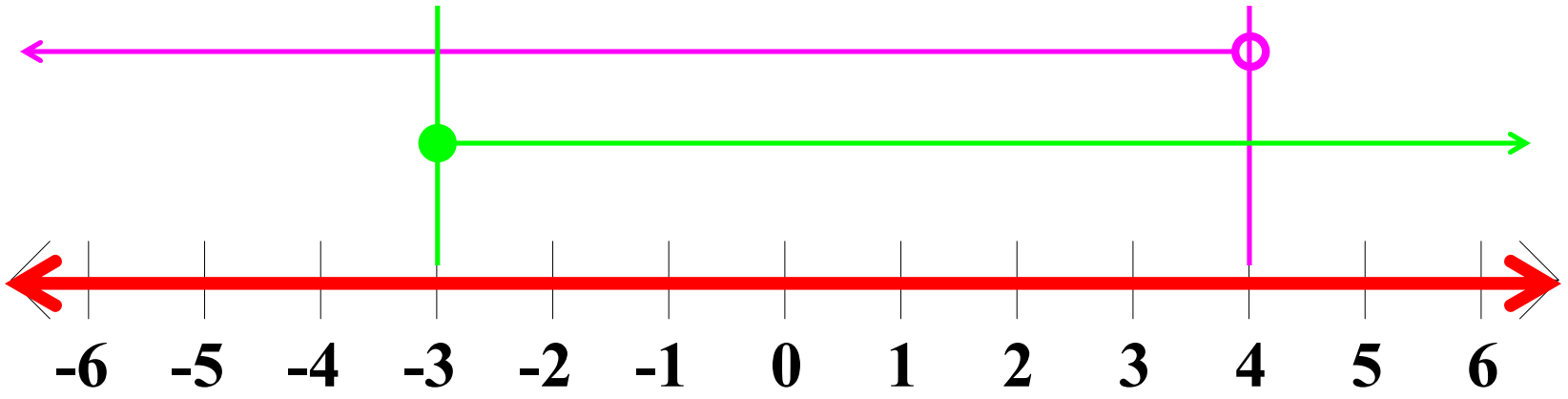

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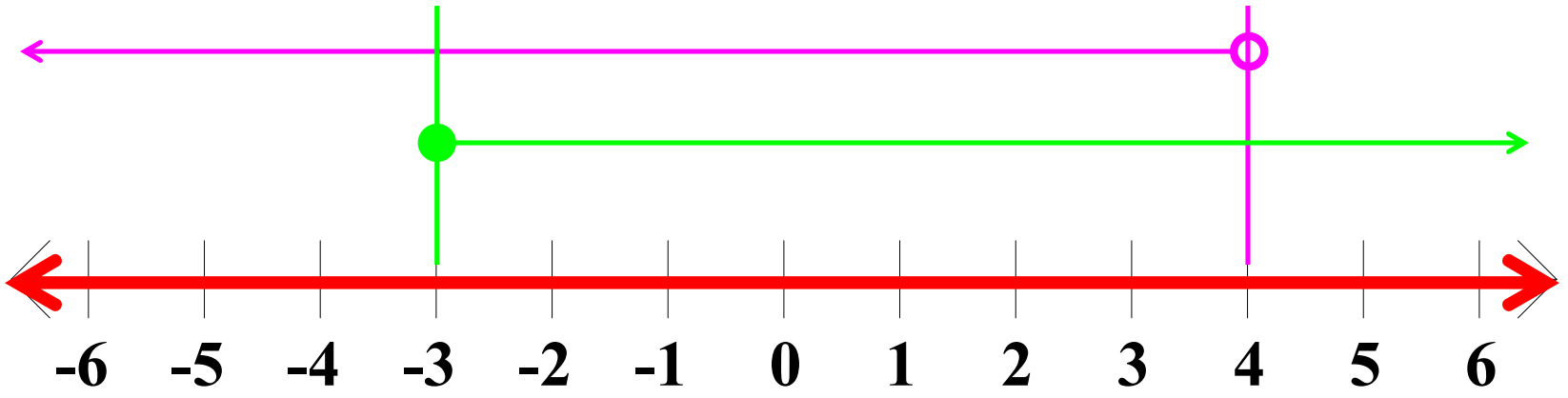

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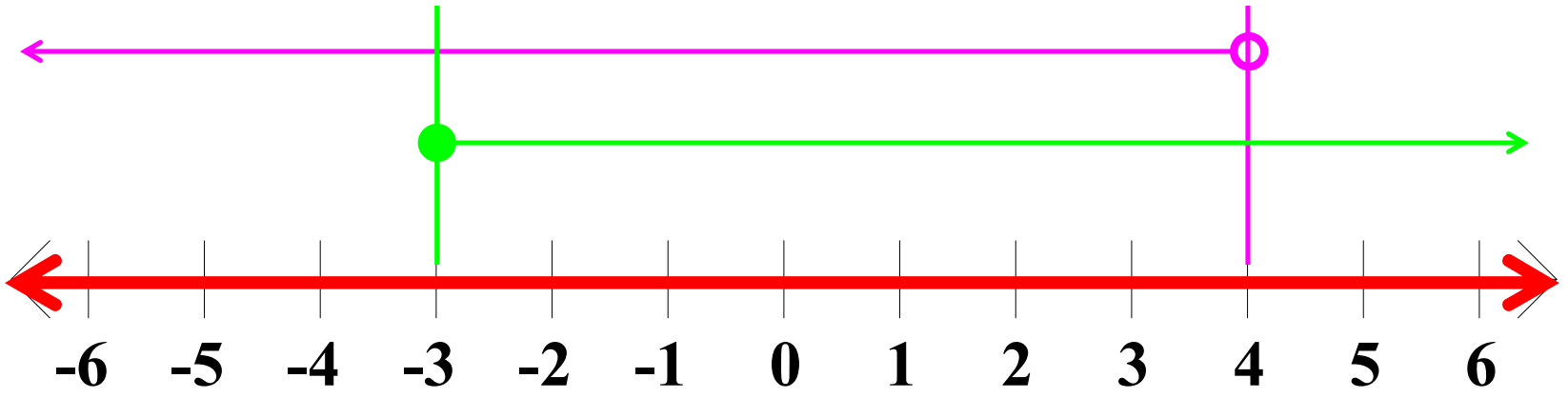

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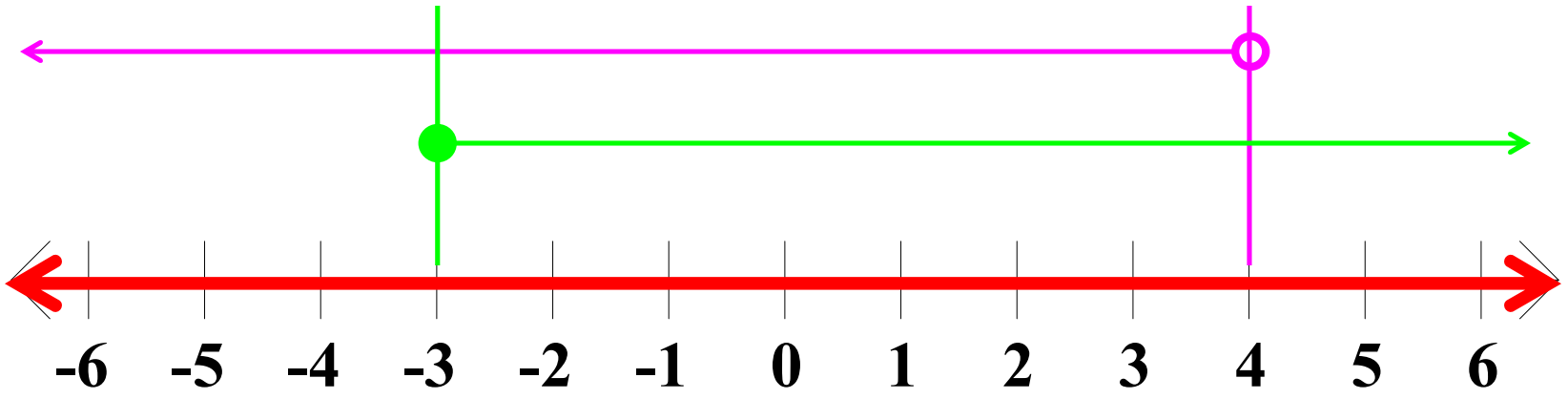

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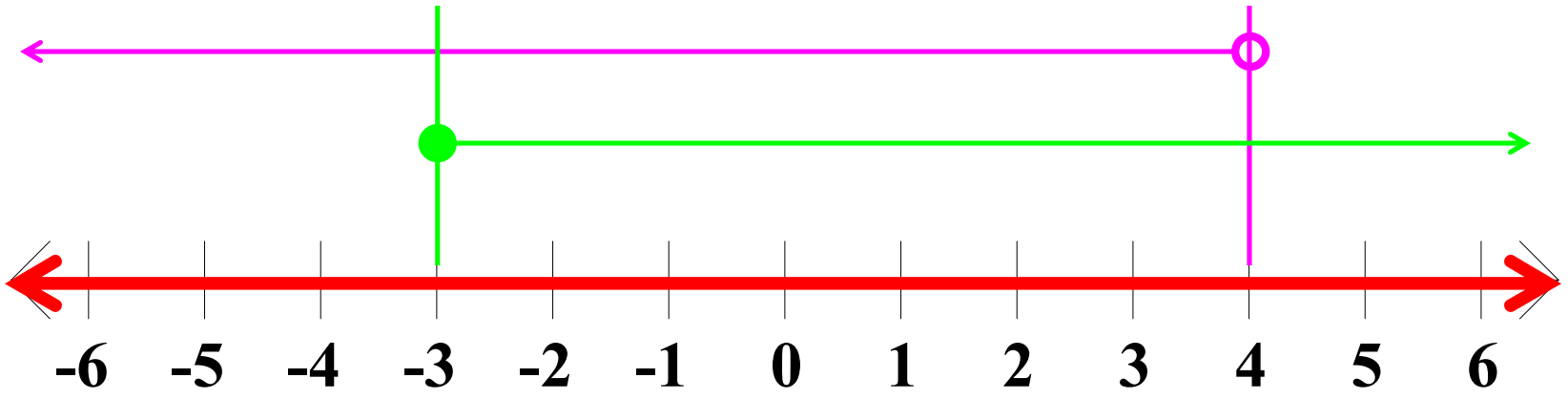

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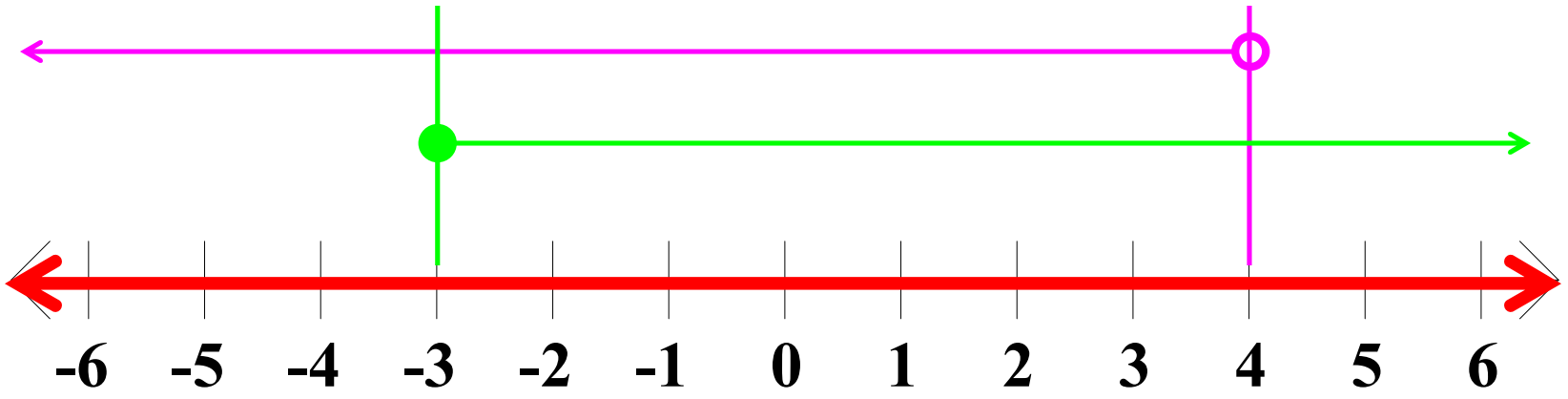

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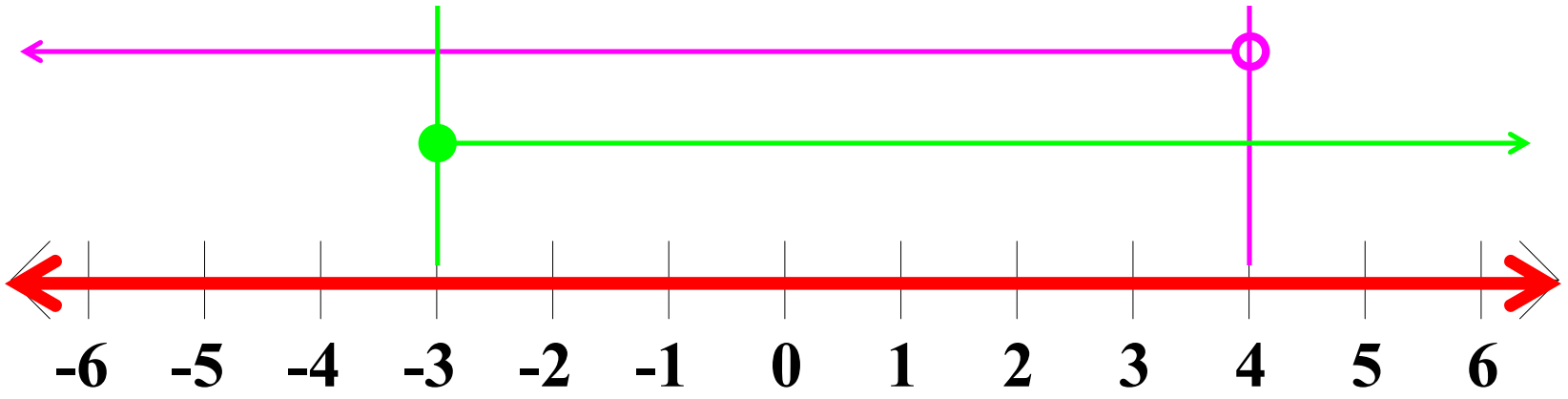

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