

**Algebra I Class Worksheet #1 Unit 7 page 1** \_\_\_\_\_

Write the equation of each line described. If the line is oblique, then write the slope-intercept equation.

**1. The horizontal line through (2, 3).**

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**2. The vertical line through (2, 3).**

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**3. The line through (-3, 5) with slope 0.**

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**4. The line through (-3, 5) with 'no slope'.**

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**5. The line through (-2, -4) and (3, -4).**

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**6. The line through (-2, -4) and (-2, 5).**

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**7. The line with slope 2 and y-intercept 4.**

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Write the equation of each line described. If the line is oblique, then write the slope-intercept equation.

8. The line with slope  $\frac{2}{3}$  and y-intercept -1.

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9. The line through (0, 2) with slope -3.

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10. The line through (0, -3) with slope  $-\frac{1}{3}$ .

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11. The line through (0, 3) and (2, 7).

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12. The line through (-4, 5) and (0, 2).

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