

Algebra I Lesson #5 Unit 10
Class Worksheet #5
For Worksheets #8 & #9

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) =$ _____

2. $5x(2x^2 - 7x + 2) =$ _____

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) =$ _____

2. $5x(2x^2 - 7x + 2) =$ _____

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) =$ _____


2. $5x(2x^2 - 7x + 2) =$ _____

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{\hspace{2cm}}$




2. $5x(2x^2 - 7x + 2) = \underline{\hspace{2cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4}$




2. $5x(2x^2 - 7x + 2) = \underline{\hspace{2cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4}$




2. $5x(2x^2 - 7x + 2) = \underline{\hspace{2cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3}$




2. $5x(2x^2 - 7x + 2) = \underline{\hspace{2cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3}$




2. $5x(2x^2 - 7x + 2) = \underline{\hspace{2cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$



2. $5x(2x^2 - 7x + 2) = \underline{\hspace{4cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{\hspace{4cm}}$

When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{\hspace{4cm}}$


When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{\hspace{4cm}}$



When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3}$




When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3}$




When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3 - 35x^2}$




When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3 - 35x^2}$




When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3 - 35x^2 + 10x}$



When multiplying a monomial times a polynomial, the monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

1. $3x^2(x^2 + 5x - 1) = \underline{3x^4 + 15x^3 - 3x^2}$

2. $5x(2x^2 - 7x + 2) = \underline{10x^3 - 35x^2 + 10x}$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) =$ _____

4. $5x(2x - 5) + 2(6x - 3) =$ _____

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) =$ _____

4. $5x(2x - 5) + 2(6x - 3) =$ _____

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) =$ _____


4. $5x(2x - 5) + 2(6x - 3) =$ _____

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$




4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$



$6x^2$


4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$



$6x^2$


4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$



$6x^2 + 8x$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) =$ _____

$6x^2 + 8x$

4. $5x(2x - 5) + 2(6x - 3) =$ _____


First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$

$6x^2 + 8x$




4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$



$6x^2 + 8x + 12x$


4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) =$ _____



$6x^2 + 8x + 12x$

4. $5x(2x - 5) + 2(6x - 3) =$ _____


First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$

$6x^2 + 8x + 12x + 3$



4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{\hspace{2cm}}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2}$

$6x^2 + 8x + 12x + 3$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$



First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$


$$10x^2$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$



$10x^2$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$



$$10x^2 - 25x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

$$10x^2 - 25x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$



$$10x^2 - 25x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$



$$10x^2 - 25x + 12x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$


$$10x^2 - 25x + 12x$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$


$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{\hspace{2cm}}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{10x^2}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{10x^2 - 13x}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{10x^2 - 13x - 6}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

3. $2x(3x + 4) + 3(4x + 1) = \underline{6x^2 + 20x + 3}$

$$6x^2 + 8x + 12x + 3$$

4. $5x(2x - 5) + 2(6x - 3) = \underline{10x^2 - 13x - 6}$

$$10x^2 - 25x + 12x - 6$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{\hspace{2cm}}$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

6. $3x(8x + 1) - 2(9x - 5) =$ _____


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{\hspace{2cm}}$



6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{\hspace{2cm}}$


 $7x^2$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{\hspace{2cm}}$



$7x^2$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

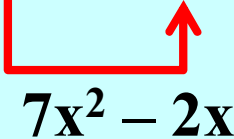
First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____



$7x^2 - 2x$

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

$$7x^2 - 2x$$

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{\hspace{2cm}}$

$7x^2 - 2x$



6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____


 $7x^2 - 2x - 40x$

6. $3x(8x + 1) - 2(9x - 5) =$ _____


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____



$7x^2 - 2x - 40x$

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

$7x^2 - 2x - 40x - 5$



6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$

$7x^2 - 2x - 40x - 5$

 **Make sure you understand this sign.**

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) =$ _____

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$



$$24x^2$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$



$$24x^2$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$


$$24x^2 + 3x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$



$$24x^2 + 3x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x - 18x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x - 18x$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) =$

$$24x^2 + 3x - 18x + 10$$

 **Make sure you understand this sign.**

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{\hspace{2cm}}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{24x^2}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{24x^2 - 15x}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{24x^2 - 15x + 10}$

$$24x^2 + 3x - 18x + 10$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

5. $x(7x - 2) - 5(8x + 1) = \underline{7x^2 - 42x - 5}$

$$7x^2 - 2x - 40x - 5$$

6. $3x(8x + 1) - 2(9x - 5) = \underline{24x^2 - 15x + 10}$

$$24x^2 + 3x - 18x + 10$$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

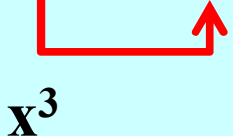
Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



x^3

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



x^3

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



$x^3 + 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

$x^3 + 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

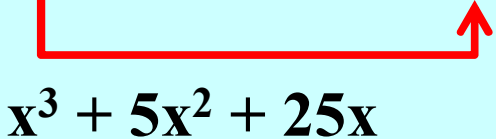
Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



$x^3 + 5x^2 + 25x$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



$x^3 + 5x^2 + 25x$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$


$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$



$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$


$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.


Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$


$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

$$\begin{aligned} &x^3 + 5x^2 + 25x \\ &\quad - 5x^2 - 25x - 125 \end{aligned}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{\hspace{2cm}}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

$$7. \quad (x - 5)(x^2 + 5x + 25) = \underline{x^3}$$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

$$8. \quad (3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$



First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$



$3x^3$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

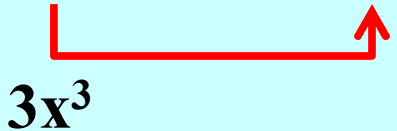
Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$



$3x^3$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$


$$3x^3 + 6x^2$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$


$$3x^3 + 6x^2$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$


$$3x^3 + 6x^2 - 12x$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$


$$3x^3 + 6x^2 - 12x$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$


$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$


$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$


$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x \end{array}$$

First: Do the multiplication.

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When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.


Algebra I Class Worksheet #5 Unit 10

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Algebra I Class Worksheet #5 Unit 10

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$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{10em}}$


$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

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Algebra I Class Worksheet #5 Unit 10

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8. $(3x - 5)(x^2 + 2x - 4) = \underline{\hspace{4cm}}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

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When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

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$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

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When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

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$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2 - 22x}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2 - 22x}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2 - 22x + 20}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

7. $(x - 5)(x^2 + 5x + 25) = \underline{x^3 - 125}$

$$\begin{array}{r} x^3 + 5x^2 + 25x \\ - 5x^2 - 25x - 125 \\ \hline \end{array}$$

8. $(3x - 5)(x^2 + 2x - 4) = \underline{3x^3 + x^2 - 22x + 20}$

$$\begin{array}{r} 3x^3 + 6x^2 - 12x \\ - 5x^2 - 10x + 20 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

When multiplying two polynomials, each term of the first polynomial is multiplied by each term of the second polynomial.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$



10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$



x^4

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$



x^4

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$



$x^4 + 3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$



$x^4 + 3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$



$x^4 + 3x^3 + 9x^2$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$


 $x^4 + 3x^3 + 9x^2$

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First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$


$$x^4 + 3x^3 + 9x^2 - 3x^3$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$


$$x^4 + 3x^3 + 9x^2$$
$$- 3x^3$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$


$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$


First: Do the multiplication.

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Algebra I Class Worksheet #5 Unit 10

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10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$


$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{2cm}}$



$$\begin{aligned} &x^4 + 3x^3 + 9x^2 \\ &\quad - 3x^3 - 9x^2 - 27x \end{aligned}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{2cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

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$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 \end{array}$$

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Algebra I Class Worksheet #5 Unit 10

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9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$



$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$



$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{\hspace{4cm}}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ \hline + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline x^4 + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline x^4 + 9x^2 + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline x^4 + 9x^2 + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + \cancel{3x^3} + 9x^2 \\ - \cancel{3x^3} - 9x^2 - \cancel{27x} \\ + 9x^2 + \cancel{27x} + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10cm}}$

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10cm}}$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{15em}}$

$2x^4$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$2x^4$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$2x^4 + x^3$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$2x^4 + x^3$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$2x^4 + x^3 + 6x^2$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$2x^4 + x^3 + 6x^2$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10cm}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10cm}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{15em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{15em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.


Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{15em}}$


$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{\hspace{10em}}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \\ \hline \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x - 18}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \\ \hline \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) = \underline{x^4 + 9x^2 + 81}$

$$\begin{array}{r} x^4 + 3x^3 + 9x^2 \\ - 3x^3 - 9x^2 - 27x \\ + 9x^2 + 27x + 81 \end{array}$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x - 18}$

$$\begin{array}{r} 2x^4 + x^3 + 6x^2 \\ + 14x^3 + 7x^2 + 42x \\ - 6x^2 - 3x - 18 \end{array}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$(2x + 1)^2$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2$$

Square it first.

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1)$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1)$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$(2x + 1)^2 = (2x + 1)(2x + 1) =$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x + 1$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 2x + 2x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1)$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1)$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) =$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) =$$


12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3$$



12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

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12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


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Algebra I Class Worksheet #5 Unit 10

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12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


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Algebra I Class Worksheet #5 Unit 10

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Algebra I Class Worksheet #5 Unit 10

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$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

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First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

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$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2$$


12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

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$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

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12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

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12. $(5x - 2)^3 =$ _____

First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

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First: Do the multiplication.


Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

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12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 =$ _____

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 =$ _____

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

$$11. \quad (2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

$$12. \quad (5x - 2)^3 = \underline{\hspace{10em}}$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 =$$

First: Do the multiplication.
Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2)$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) =$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) =$$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2$$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2$$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x$$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x$$



First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10


Perform the indicated operations. Express your answers in simplest form.

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12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x$$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

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12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x$$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10


Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$$


First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x \\ + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

$$(5x - 2)^3 =$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

$$(5x - 2)^3 = (5x - 2)$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

$$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

$$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

$$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$$

12. $(5x - 2)^3 = \underline{\hspace{4cm}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

$$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$$

First: Do the multiplication.

Second: Combine like terms.

Algebra I Class Worksheet #5 Unit 10

Perform the indicated operations. Express your answers in simplest form.

11. $(2x + 1)^3 = \underline{8x^3 + 12x^2 + 6x + 1}$

$$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$$

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12. $(5x - 2)^3 = \underline{\hspace{10em}}$

$$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$$

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Good luck on your homework !!

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