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 <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

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

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

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

1. $3x^2(x^2 + 5x - 1) =$ $3x^4$ _____

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

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

1. $3x^2(x^2 + 5x - 1) =$ $3x^4$

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

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

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

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

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

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

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

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

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

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

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

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

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

2. $5x(2x^2 - 7x + 2) =$ $10x^3$

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

2. $5x(2x^2 - 7x + 2) =$ $10x^3$

When multiplying a monomial times a polynomial, the monomial is multiplied by <u>each term</u> of the polynomial.

Algebra I Class Worksheet #5 Unit 10

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

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

2. $5x(2x^2 - 7x + 2) =$ $10x^3 - 35x^2$

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

2. $5x(2x^2 - 7x + 2) =$ $10x^3 - 35x^2$

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

2. $5x(2x^2 - 7x + 2) =$ $10x^3 - 35x^2 + 10x$

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

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

$6x^2$

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

$6x^2$

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

$6x^2 + 8x$

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

$6x^2 + 8x$

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

$6x^2 + 8x$

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

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

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

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

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

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

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

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

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

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

4. $5x(2x – 5) + 2(6x – 3) =$ _____

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.

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

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2$ _____

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x$

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

Algebra I Class Worksheet #5 Unit 10

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3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

Algebra I Class Worksheet #5 Unit 10

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

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

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.

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

$10x^2$

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

$10x^2$

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

$10x^2 - 25x$

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

$10x^2 - 25x$

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

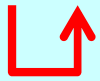
Algebra I Class Worksheet #5 Unit 10

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

3. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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



$10x^2 - 25x$

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

4. $5x(2x - 5) + 2(6x - 3) =$ $10x^2$

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

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. $2x(3x + 4) + 3(4x + 1) =$ $6x^2 + 20x + 3$

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

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

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

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

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

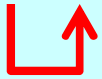
6. $3x(8x + 1) - 2(9x - 5) =$ _____

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



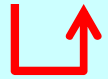
6. $3x(8x + 1) - 2(9x - 5) =$ _____

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



$7x^2$

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

$7x^2$

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

$7x^2 - 2x$

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

$7x^2 - 2x$

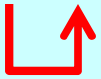
6. $3x(8x + 1) - 2(9x - 5) =$ _____

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



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

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

Make sure you understand this sign.

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

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

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

$24x^2$

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

$24x^2$

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

$24x^2 + 3x$

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

$24x^2 + 3x$

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

$24x^2 + 3x$

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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

Make sure you understand this sign.

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $x(7x - 2) - 5(8x + 1) =$ $7x^2 - 42x - 5$

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

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

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

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. $(x - 5)(x^2 + 5x + 25) =$ _____

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

Algebra I Class Worksheet #5 Unit 10

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

7. $(x - 5)(x^2 + 5x + 25) =$ _____

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

Algebra I Class Worksheet #5 Unit 10

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

7. $(x - 5)(x^2 + 5x + 25) =$ _____

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

x^3

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

x^3

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

$x^3 + 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

$x^3 + 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$- 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$- 5x^2$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$\quad - 5x^2 - 25x$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$- 5x^2 - 25x$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ _____

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ x^3 _____

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ x^3 _____

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

$-5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ x^3

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

$-5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$-5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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

$- 5x^2$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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

$- 5x^2 - 10x$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

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

$- 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

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

$- 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

First: Do the multiplication.
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Algebra I Class Worksheet #5 Unit 10

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7. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3$ _____

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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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7. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3 + x^2$

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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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$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3 + x^2$

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3 + x^2 - 22x$

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

8. $(3x - 5)(x^2 + 2x - 4) =$ $3x^3 + x^2 - 22x$

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x - 5)(x^2 + 5x + 25) =$ $x^3 - 125$

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

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

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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

$x^3 + 5x^2 + 25x$
$\quad - 5x^2 - 25x - 125$

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

$3x^3 + 6x^2 - 12x$
$\quad - 5x^2 - 10x + 20$

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. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

Algebra I Class Worksheet #5 Unit 10

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

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

Algebra I Class Worksheet #5 Unit 10

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

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

x^4

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

x^4

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

$x^4 + 3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

$x^4 + 3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$-3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$-3x^3$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$\quad - 3x^3 - 9x^2$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$\quad - 3x^3 - 9x^2$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$\quad - 3x^3 - 9x^2 - 27x$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$\quad - 3x^3 - 9x^2 - 27x$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ _____

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ x^4 _____

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ x^4

$$x^4 + 3x^3 + 9x^2$$
$$- 3x^3 - 9x^2 - 27x$$
$$+ 9x^2 + 27x + 81$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ x^4

$$x^4 + 3x^3 + 9x^2$$
$$- 3x^3 - 9x^2 - 27x$$
$$+ 9x^2 + 27x + 81$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ $x^4 + 9x^2$

$$x^4 + 3x^3 + 9x^2$$
$$-3x^3 - 9x^2 - 27x$$
$$+9x^2 + 27x + 81$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

9. $(x^2 - 3x + 9)(x^2 + 3x + 9) =$ $x^4 + 9x^2$

$$x^4 + 3x^3 + 9x^2$$
$$-3x^3 - 9x^2 - 27x$$
$$+9x^2 + 27x + 81$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

$$x^4 + 3x^3 + 9x^2$$
$$- 3x^3 - 9x^2 - 27x$$
$$+ 9x^2 + 27x + 81$$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\qquad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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.

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

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4$

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

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4$

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

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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

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

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

$- 3x^3 - 9x^2 - 27x$

$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

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

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$

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

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$+ 14x^3 + 7x^2 + 42x$
$- 6x^2$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x$

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.

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

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$+ 14x^3 + 7x^2 + 42x$
$- 6x^2 - 3x$

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.

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

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$+ 14x^3 + 7x^2 + 42x$
$- 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ _____

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

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

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

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

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$- 3x^3 - 9x^2 - 27x$
$+ 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3}$

$2x^4 + x^3 + 6x^2$
$+ 14x^3 + 7x^2 + 42x$
$- 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3 + 7x^2}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3 + 7x^2}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3 + 7x^2 + 39x}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) =$ $\underline{2x^4 + 15x^3 + 7x^2 + 39x}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x - 18}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$x^4 + 3x^3 + 9x^2$
$\quad - 3x^3 - 9x^2 - 27x$
$\quad\quad + 9x^2 + 27x + 81$

10. $(x^2 + 7x - 3)(2x^2 + x + 6) = \underline{2x^4 + 15x^3 + 7x^2 + 39x - 18}$

$2x^4 + x^3 + 6x^2$
$\quad + 14x^3 + 7x^2 + 42x$
$\quad\quad - 6x^2 - 3x - 18$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2$

12. $(5x - 2)^3 =$ _____

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

Algebra I Class Worksheet #5 Unit 10

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

11. $(2x + 1)^3 =$ _____

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x$

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

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

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. $(2x + 1)^3 =$ $8x^3$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$

$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2)$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 10x - 10x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) =$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x$
$+ 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2 + 20x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2 + 20x$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2 + 20x - 50x^2$

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. $(2x + 1)^3 =$ $8x^3 + 12x^2 + 6x + 1$

$(2x + 1)^2 = (2x + 1)(2x + 1) = 4x^2 + 4x + 1$

$(2x + 1)^3 = (2x + 1)(4x^2 + 4x + 1) = 8x^3 + 8x^2 + 2x + 4x^2 + 4x + 1$

12. $(5x - 2)^3 =$ _____

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

$(5x - 2)^3 = (5x - 2)(25x^2 - 20x + 4) = 125x^3 - 100x^2 + 20x - 50x^2$

First: Do the multiplication.

Second: Combine like terms.

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Good luck on your homework !!

12. $(5x - 2)^3 =$ $125x^3 - 150x^2 + 60x - 8$

$(5x - 2)^2 = (5x - 2)(5x - 2) = 25x^2 - 20x + 4$

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