

Algebra I Lesson #4 Unit 10
Class Worksheet #4
For Worksheet #7

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

Algebra I Class Worksheet #4 Unit 10

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When multiplying monomials, just rearrange the factors.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 1. \quad (3x)(2x) &= \underline{\hspace{2cm}} \\ &= (3 \cdot 2)(x \cdot x) \end{aligned}$$

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

When multiplying monomials, just rearrange the factors.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 1. \quad (3x)(2x) &= \underline{6x^2} \\ &= (3 \cdot 2)(x \cdot x) \end{aligned}$$

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

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Algebra I Class Worksheet #4 Unit 10

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Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

Algebra I Class Worksheet #4 Unit 10

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Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 3. \quad (7x^2)(3x^2) &= \underline{\hspace{2cm}} \\ &= (7 \cdot 3)(x^2 \cdot x^2) \end{aligned}$$

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

When multiplying monomials, just rearrange the factors.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 3. \quad (7x^2)(3x^2) &= \underline{21x^4} \\ &= (7 \cdot 3)(x^2 \cdot x^2) \end{aligned}$$

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

When multiplying monomials, just rearrange the factors.

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Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

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When multiplying two powers of a variable, just add the exponents.

Algebra I Class Worksheet #4 Unit 10

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Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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

When multiplying a monomial times a polynomial, use the appropriate distributive law.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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

When multiplying a monomial times a polynomial, use the appropriate distributive law.

The Distributive Law for Multiplication Over Addition

$$A(B + C) = AB + AC$$

The Distributive Law for Multiplication Over Subtraction

$$A(B - C) = AB - AC$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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When multiplying a monomial times a polynomial, use the appropriate distributive law.

The monomial is multiplied by each term of the polynomial.

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When multiplying a monomial times a polynomial, use the appropriate distributive law.


The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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



$= (2x \cdot 3x)$

When multiplying a monomial times a polynomial, use the appropriate distributive law.


The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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



$= (2x \cdot 3x)$

When multiplying a monomial times a polynomial, use the appropriate distributive law.

The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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

$= (2x \cdot 3x) +$

When multiplying a monomial times a polynomial, use the appropriate distributive law.


The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



$= (2x \cdot 3x) +$

When multiplying a monomial times a polynomial, use the appropriate distributive law.


The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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



$= (2x \cdot 3x) + (2x \cdot 1)$

When multiplying a monomial times a polynomial, use the appropriate distributive law.


The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

5. $(x^2)(x^3) = \underline{x^5}$

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



$= (2x \cdot 3x) + (2x \cdot 1)$

When multiplying a monomial times a polynomial, use the appropriate distributive law.

The monomial is multiplied by each term of the polynomial.

Algebra I Class Worksheet #4 Unit 10

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

$= (2x \cdot 3x) + (2x \cdot 1)$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

8. $5x^2(3x^2 - 7x + 3) =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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




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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



$$= (-3x \cdot x^2)$$


$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{2cm}}$$

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

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Simplify each of the following.

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


= $(-3x \cdot x^2)$

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{4cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 -} \\ &\quad \text{┌───────────┐} \\ &\quad \text{└───────────┘} \\ &= (-3x \cdot x^2) - \end{aligned}$$

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 - -15x^2} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) \end{aligned}$$

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{4cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$7. \quad -3x(x^2 - 5x + 2) = \underline{-3x^3 - 15x^2}$$

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

No double signs.

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{\hspace{4cm}}$$

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

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No double signs.

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Simplify each of the following.


$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 +} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + \end{aligned}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 + -6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$

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No double signs.

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$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{\hspace{4cm}} \\ &= (5x^2 \cdot 3x^2) \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 - 6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$

$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4} \\ &= (5x^2 \cdot 3x^2) \end{aligned}$$


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

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Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 - 6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$


$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 -} \\ &= (5x^2 \cdot 3x^2) - \end{aligned}$$

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

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$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 - 35x^3} \\ &= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 - 6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$

$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 - 35x^3 +} \\ &= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) + \end{aligned}$$

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

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$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 - 35x^3 + \quad} \\ &= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) + \end{aligned}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 - 6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$

$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 - 35x^3 + \quad} \\ &= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) + (5x^2 \cdot 3) \end{aligned}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 7. \quad -3x(x^2 - 5x + 2) &= \underline{-3x^3 + 15x^2 - 6x} \\ &= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2) \end{aligned}$$

$$\begin{aligned} 8. \quad 5x^2(3x^2 - 7x + 3) &= \underline{15x^4 - 35x^3 + 15x^2} \\ &= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) + (5x^2 \cdot 3) \end{aligned}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$7. \quad -3x(x^2 - 5x + 2) = \underline{-3x^3 + 15x^2 - 6x}$$

$$= (-3x \cdot x^2) - (-3x \cdot 5x) + (-3x \cdot 2)$$

$$8. \quad 5x^2(3x^2 - 7x + 3) = \underline{15x^4 - 35x^3 + 15x^2}$$

$$= (5x^2 \cdot 3x^2) - (5x^2 \cdot 7x) + (5x^2 \cdot 3)$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) =$ _____

10. $x^3(x - 1) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) =$ _____

10. $x^3(x - 1) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{\hspace{4cm}}$


10. $x^3(x - 1) = \underline{\hspace{4cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{\hspace{4cm}}$




10. $x^3(x - 1) = \underline{\hspace{4cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4}$




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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4}$




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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3}$




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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$9. \quad -2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3}$$


$$10. \quad x^3(x - 1) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

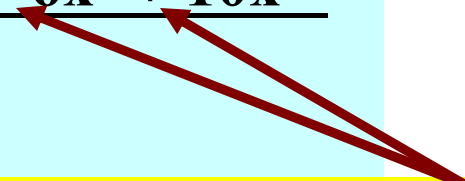
$$9. \quad -2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$$


$$10. \quad x^3(x - 1) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$9. \quad -2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$$


Make sure you understand these signs.

$$10. \quad x^3(x - 1) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

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


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

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




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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

10. $x^3(x - 1) = \underline{x^4}$




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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

10. $x^3(x - 1) = \underline{x^4}$




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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

10. $x^3(x - 1) = \underline{x^4 - x^3}$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

9. $-2x^2(5x^2 + 3x - 5) = \underline{-10x^4 - 6x^3 + 10x^2}$

10. $x^3(x - 1) = \underline{x^4 - x^3}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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


12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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




12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


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

 $= x^2$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


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

 $= x^2$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{\hspace{2cm}}$$

$$= x^2 - 3x$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{\hspace{2cm}} \\ &\quad \begin{array}{c} \color{red}{\lrcorner} \color{red}{\uparrow} \end{array} \\ &= x^2 - 3x \end{aligned}$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{\hspace{2cm}} \\ &\quad \text{↙ ↗} \\ &= x^2 - 3x + 5x \end{aligned}$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{\hspace{2cm}} \\ &= x^2 - 3x + 5x \end{aligned}$$


$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{\hspace{2cm}} \\ &= x^2 - 3x + 5x - 15 \end{aligned}$$


$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

Now, combine like terms.

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

Now, combine like terms.

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2}$$

$$= x^2 - 3x + 5x - 15$$

Now, combine like terms.

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x}$$

$$= x^2 - 3x + 5x - 15$$

Now, combine like terms.

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

Now, combine like terms.

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$


12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{x^2 + 2x - 15} \\ &= x^2 - 3x + 5x - 15 \end{aligned}$$


$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{x^2 + 2x - 15} \\ &= x^2 - 3x + 5x - 15 \end{aligned}$$

$$\begin{aligned} 12. \quad (x - 7)(x - 2) &= \underline{\hspace{2cm}} \\ &= x^2 \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$



$$= x^2$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$



$$= x^2 - 2x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$



$$= x^2 - 2x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$



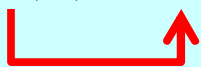
$$= x^2 - 2x - 7x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 11. \quad (x + 5)(x - 3) &= \underline{x^2 + 2x - 15} \\ &= x^2 - 3x + 5x - 15 \end{aligned}$$

$$\begin{aligned} 12. \quad (x - 7)(x - 2) &= \underline{\hspace{2cm}} \\ &= x^2 - 2x - 7x \end{aligned}$$


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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$


$$= x^2 - 2x - 7x + 14$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{\hspace{2cm}}$$

$$= x^2 - 2x - 7x + 14$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

$$= x^2 - 2x - 7x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{\hspace{2cm}}$

$$= x^2 - 2x - 7x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{x^2}$$

$$= x^2 - 2x - 7x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{x^2 - 9x}$$

$$= x^2 - 2x - 7x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$11. \quad (x + 5)(x - 3) = \underline{x^2 + 2x - 15}$$

$$= x^2 - 3x + 5x - 15$$

$$12. \quad (x - 7)(x - 2) = \underline{x^2 - 9x + 14}$$

$$= x^2 - 2x - 7x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

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

$$= x^2 - 3x + 5x - 15$$

12. $(x - 7)(x - 2) = \underline{x^2 - 9x + 14}$

$$= x^2 - 2x - 7x + 14$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) =$ _____

14. $(x + 5)(x + 8) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) =$ _____

14. $(x + 5)(x + 8) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) =$ _____


14. $(x + 5)(x + 8) =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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




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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

$$= x^2$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

$$= x^2$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

$$= x^2 + 4x$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

$$= x^2 + 4x$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

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

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

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

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 13. \quad (x - 9)(x + 4) &= \underline{\hspace{2cm}} \\ &= x^2 + 4x - 9x - 36 \end{aligned}$$


$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{\hspace{2cm}}$$

$$= x^2 + 4x - 9x - 36$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$= x^2 + 4x - 9x - 36$

Now, combine like terms.

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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2}$$

$$= x^2 + 4x - 9x - 36$$

Now, combine like terms.

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x}$$

$$= x^2 + 4x - 9x - 36$$

Now, combine like terms.

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

$$= x^2 + 4x - 9x - 36$$

Now, combine like terms.

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) = \underline{x^2 - 5x - 36}$

$$= x^2 + 4x - 9x - 36$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) = \underline{x^2 - 5x - 36}$

$$= x^2 + 4x - 9x - 36$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) = \underline{x^2 - 5x - 36}$

$$= x^2 + 4x - 9x - 36$$


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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 13. \quad (x - 9)(x + 4) &= \underline{x^2 - 5x - 36} \\ &= x^2 + 4x - 9x - 36 \end{aligned}$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$


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

Algebra I Class Worksheet #4 Unit 10

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$$= x^2 + 4x - 9x - 36$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$



$$= x^2$$

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

Algebra I Class Worksheet #4 Unit 10

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Algebra I Class Worksheet #4 Unit 10

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$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$



$$= x^2 + 8x$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

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Algebra I Class Worksheet #4 Unit 10

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$$= x^2 + 8x + 5x$$

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


Algebra I Class Worksheet #4 Unit 10

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$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

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$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$


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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

13. $(x - 9)(x + 4) = \underline{x^2 - 5x - 36}$

$$= x^2 + 4x - 9x - 36$$

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


$$= x^2 + 8x + 5x + 40$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

$$= x^2 + 4x - 9x - 36$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

$$= x^2 + 8x + 5x + 40$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

$$= x^2 + 4x - 9x - 36$$

$$14. \quad (x + 5)(x + 8) = \underline{\hspace{2cm}}$$

$$= x^2 + 8x + 5x + 40$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

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$$14. \quad (x + 5)(x + 8) = \underline{x^2}$$

$$= x^2 + 8x + 5x + 40$$

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

Algebra I Class Worksheet #4 Unit 10

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$$13. \quad (x - 9)(x + 4) = \underline{x^2 - 5x - 36}$$

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

Algebra I Class Worksheet #4 Unit 10

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$$14. \quad (x + 5)(x + 8) = \underline{x^2 + 13x + 40}$$

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Now, 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 #4 Unit 10

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13. $(x - 9)(x + 4) = \underline{x^2 - 5x - 36}$

$$= x^2 + 4x - 9x - 36$$

14. $(x + 5)(x + 8) = \underline{x^2 + 13x + 40}$

$$= x^2 + 8x + 5x + 40$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) =$ _____

16. $(3x - 5)(5x - 3) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) =$ _____

16. $(3x - 5)(5x - 3) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{\hspace{2cm}}$


16. $(3x - 5)(5x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{\hspace{2cm}}$




16. $(3x - 5)(5x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$

$$= 2x^2$$

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$

$$= 2x^2$$

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$

$$= 2x^2 + 6x$$


$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$



$$= 2x^2 + 6x$$


$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$




$$= 2x^2 + 6x + x$$

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{\hspace{2cm}} \\ &= 2x^2 + 6x + x \end{aligned}$$


$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{\hspace{2cm}}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{\hspace{2cm}}$

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

Now, combine like terms.

16. $(3x - 5)(5x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

Now, combine like terms.

16. $(3x - 5)(5x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x}$$

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

Now, combine like terms.

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{4cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$

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

Now, combine like terms.

16. $(3x - 5)(5x - 3) = \underline{\hspace{4cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$

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

16. $(3x - 5)(5x - 3) = \underline{\hspace{4cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

15. $(2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$

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

16. $(3x - 5)(5x - 3) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$


$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{4cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$


$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{4cm}}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$


$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{2cm}} \\ &= 15x^2 \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$


$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{2cm}} \\ &= 15x^2 \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$

$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{2cm}} \\ &= 15x^2 - 9x \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{4cm}}$$



$$= 15x^2 - 9x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{4cm}}$$




$$= 15x^2 - 9x - 25x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$


$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{4cm}} \\ &= 15x^2 - 9x - 25x \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$

$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{4cm}} \\ &= 15x^2 - 9x - 25x + 15 \end{aligned}$$


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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 15. \quad (2x + 1)(x + 3) &= \underline{2x^2 + 7x + 3} \\ &= 2x^2 + 6x + x + 3 \end{aligned}$$

$$\begin{aligned} 16. \quad (3x - 5)(5x - 3) &= \underline{\hspace{2cm}} \\ &= 15x^2 - 9x - 25x + 15 \end{aligned}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{\hspace{2cm}}$$

$$= 15x^2 - 9x - 25x + 15$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{15x^2}$$

$$= 15x^2 - 9x - 25x + 15$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{15x^2 - 34x}$$

$$= 15x^2 - 9x - 25x + 15$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{15x^2 - 34x + 15}$$

$$= 15x^2 - 9x - 25x + 15$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$15. \quad (2x + 1)(x + 3) = \underline{2x^2 + 7x + 3}$$

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

$$16. \quad (3x - 5)(5x - 3) = \underline{15x^2 - 34x + 15}$$

$$= 15x^2 - 9x - 25x + 15$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

17. $(8x + 1)(4x - 5) =$ _____

18. $(3x - 5)(2x + 7) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

17. $(8x + 1)(4x - 5) = \underline{\hspace{2cm}}$

18. $(3x - 5)(2x + 7) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$


$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

17. $(8x + 1)(4x - 5) = \underline{\hspace{2cm}}$




18. $(3x - 5)(2x + 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2 - 40x$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2 - 40x$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2 - 40x + 4x$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 17. \quad (8x + 1)(4x - 5) &= \underline{\hspace{2cm}} \\ &= 32x^2 - 40x + 4x \end{aligned}$$


$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 17. \quad (8x + 1)(4x - 5) &= \underline{\hspace{2cm}} \\ &= 32x^2 - 40x + 4x - 5 \end{aligned}$$


$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{\hspace{2cm}}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

17. $(8x + 1)(4x - 5) = \underline{\hspace{2cm}}$

$= 32x^2 - 40x + 4x - 5$

Now, combine like terms.

18. $(3x - 5)(2x + 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2}$$

$$= 32x^2 - 40x + 4x - 5$$

Now, combine like terms.

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x}$$

$$= 32x^2 - 40x + 4x - 5$$

Now, combine like terms.

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

Now, combine like terms.

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

17. $(8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$

$$= 32x^2 - 40x + 4x - 5$$

18. $(3x - 5)(2x + 7) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$


$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$
$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$


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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$


$$= 6x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$


$$= 6x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$


$$= 6x^2 + 21x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$



$$= 6x^2 + 21x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$



$$= 6x^2 + 21x - 10x$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$


$$= 6x^2 + 21x - 10x$$

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

Algebra I Class Worksheet #4 Unit 10

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$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{4cm}}$$

$$= 6x^2 + 21x - 10x - 35$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

$$= 6x^2 + 21x - 10x - 35$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{\hspace{2cm}}$$

$$= 6x^2 + 21x - 10x - 35$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{6x^2}$$

$$= 6x^2 + 21x - 10x - 35$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{6x^2 + 11x}$$

$$= 6x^2 + 21x - 10x - 35$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{6x^2 + 11x - 35}$$

$$= 6x^2 + 21x - 10x - 35$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$17. \quad (8x + 1)(4x - 5) = \underline{32x^2 - 36x - 5}$$

$$= 32x^2 - 40x + 4x - 5$$

$$18. \quad (3x - 5)(2x + 7) = \underline{6x^2 + 11x - 35}$$

$$= 6x^2 + 21x - 10x - 35$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) =$ _____

20. $(7x - 2)(x - 7) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{\hspace{2cm}}$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{\hspace{2cm}}$


20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{\hspace{2cm}}$




20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2 + 10x$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 19. \quad (2x + 3)(2x + 5) &= \underline{\hspace{2cm}} \\ &\quad \quad \quad \color{red}{\lrcorner} \color{red}{\uparrow} \\ &= 4x^2 + 10x \end{aligned}$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2 + 10x + 6x$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2 + 10x + 6x$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{\hspace{2cm}}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{\hspace{2cm}}$

$= 4x^2 + 10x + 6x + 15$

Now, combine like terms.

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2}$

$= 4x^2 + 10x + 6x + 15$

Now, combine like terms.

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x}$

$= 4x^2 + 10x + 6x + 15$

Now, combine like terms.

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$= 4x^2 + 10x + 6x + 15$

Now, combine like terms.

20. $(7x - 2)(x - 7) = \underline{\hspace{4cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 19. \quad (2x + 3)(2x + 5) &= \underline{4x^2 + 16x + 15} \\ &= 4x^2 + 10x + 6x + 15 \end{aligned}$$


$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 19. \quad (2x + 3)(2x + 5) &= \underline{4x^2 + 16x + 15} \\ &= 4x^2 + 10x + 6x + 15 \end{aligned}$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$


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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$


$$= 7x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$


$$= 7x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$


$$= 7x^2 - 49x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$



$$= 7x^2 - 49x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{2cm}}$$



$$= 7x^2 - 49x - 2x$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{\hspace{4cm}}$$


$$= 7x^2 - 49x - 2x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{4cm}}$



$$= 7x^2 - 49x - 2x + 14$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

$$= 7x^2 - 49x - 2x + 14$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{\hspace{2cm}}$

$$= 7x^2 - 49x - 2x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{7x^2}$$

$$= 7x^2 - 49x - 2x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{7x^2 - 51x}$$

$$= 7x^2 - 49x - 2x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$19. \quad (2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$$

$$= 4x^2 + 10x + 6x + 15$$

$$20. \quad (7x - 2)(x - 7) = \underline{7x^2 - 51x + 14}$$

$$= 7x^2 - 49x - 2x + 14$$

Now, 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 #4 Unit 10

Simplify each of the following.

19. $(2x + 3)(2x + 5) = \underline{4x^2 + 16x + 15}$

$$= 4x^2 + 10x + 6x + 15$$

20. $(7x - 2)(x - 7) = \underline{7x^2 - 51x + 14}$

$$= 7x^2 - 49x - 2x + 14$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) =$ _____

22. $(4x + 1)(7x - 2) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) =$ _____

22. $(4x + 1)(7x - 2) =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{\hspace{2cm}}$$


$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{\hspace{2cm}}$




22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$21. \quad (3x + 5)(2x - 8) = \underline{\hspace{2cm}}$$

$$= 6x^2$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$21. \quad (3x + 5)(2x - 8) = \underline{\hspace{2cm}}$$

$$= 6x^2$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &= 6x^2 - 24x \end{aligned}$$


$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &\quad \quad \quad \color{red}{\lrcorner} \color{red}{\uparrow} \\ &= 6x^2 - 24x \end{aligned}$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &\quad \quad \quad \color{red}{\lrcorner} \color{red}{\uparrow} \\ &= 6x^2 - 24x + 10x \end{aligned}$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.


$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &= 6x^2 - 24x + 10x \end{aligned}$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &= 6x^2 - 24x + 10x - 40 \end{aligned}$$


$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$\begin{aligned} 21. \quad (3x + 5)(2x - 8) &= \underline{\hspace{2cm}} \\ &= 6x^2 - 24x + 10x - 40 \end{aligned}$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{\hspace{2cm}}$

$= 6x^2 - 24x + 10x - 40$

Now, combine like terms.

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2}$$

$$= 6x^2 - 24x + 10x - 40$$

Now, combine like terms.

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x}$$

$$= 6x^2 - 24x + 10x - 40$$

Now, combine like terms.

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

Now, combine like terms.

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$



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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$


$$= 28x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$


$$= 28x^2$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$


$$= 28x^2 - 8x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$



$$= 28x^2 - 8x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$



$$= 28x^2 - 8x + 7x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

$$= 28x^2 - 8x + 7x$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$


$$= 28x^2 - 8x + 7x - 2$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

21. $(3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$

$$= 6x^2 - 24x + 10x - 40$$

22. $(4x + 1)(7x - 2) = \underline{\hspace{2cm}}$

$$= 28x^2 - 8x + 7x - 2$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{\hspace{2cm}}$$

$$= 28x^2 - 8x + 7x - 2$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{28x^2}$$

$$= 28x^2 - 8x + 7x - 2$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{28x^2 - x}$$

$$= 28x^2 - 8x + 7x - 2$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{28x^2 - x - 2}$$

$$= 28x^2 - 8x + 7x - 2$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$21. \quad (3x + 5)(2x - 8) = \underline{6x^2 - 14x - 40}$$

$$= 6x^2 - 24x + 10x - 40$$

$$22. \quad (4x + 1)(7x - 2) = \underline{28x^2 - x - 2}$$

$$= 28x^2 - 8x + 7x - 2$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

24. $(x - 5)^2 =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

24. $(x - 5)^2 =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$(x + 6)(x + 6)$

24. $(x - 5)^2 =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$23. \quad (x + 6)^2 = \underline{\hspace{2cm}}$$
$$(x + 6)(x + 6)$$

$$24. \quad (x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$(x + 6)(x + 6) =$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x + 6x$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x + 6x$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$



24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 =$ _____

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

Now, combine like terms.

24. $(x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$23. \quad (x + 6)^2 = \underline{x^2}$$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

Now, combine like terms.

$$24. \quad (x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$23. \quad (x + 6)^2 = \underline{x^2 + 12x}$$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

Now, combine like terms.

$$24. \quad (x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$23. \quad (x + 6)^2 = \underline{x^2 + 12x + 36}$$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

Now, combine like terms.

$$24. \quad (x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

$$(x - 5)(x - 5)$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

$$(x - 5)(x - 5)$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

$$(x - 5)(x - 5) =$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

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

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

Now, 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 #4 Unit 10

Simplify each of the following.

$$23. \quad (x + 6)^2 = \underline{x^2 + 12x + 36}$$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

$$24. \quad (x - 5)^2 = \underline{x^2}$$

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

Now, 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 #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

24. $(x - 5)^2 = \underline{x^2 - 10x}$

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

Now, 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 #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

24. $(x - 5)^2 = \underline{x^2 - 10x + 25}$

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

Now, 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 #4 Unit 10

Simplify each of the following.

23. $(x + 6)^2 = \underline{x^2 + 12x + 36}$

$$(x + 6)(x + 6) = x^2 + 6x + 6x + 36$$

24. $(x - 5)^2 = \underline{x^2 - 10x + 25}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

26. $(4x - 5)^2 =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

26. $(4x - 5)^2 =$ _____

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3)$$

$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3) =$$



$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

$$(7x + 3)(7x + 3) = 49x^2$$



26. $(4x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3) = 49x^2$$



$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3) = 49x^2 + 21x$$



$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3) = 49x^2 + 21x$$



$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x$$



26. $(4x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x$$



26. $(4x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$



26. $(4x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 =$ _____

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

Now, combine like terms.

26. $(4x - 5)^2 =$ _____

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$25. \quad (7x + 3)^2 = \underline{49x^2}$$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

Now, combine like terms.

$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$25. \quad (7x + 3)^2 = \underline{49x^2 + 42x}$$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

Now, combine like terms.

$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$25. \quad (7x + 3)^2 = \underline{49x^2 + 42x + 9}$$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

Now, combine like terms.

$$26. \quad (4x - 5)^2 = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5)$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5)$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) =$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{\hspace{2cm}}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

Now, 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 #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{16x^2}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

Now, 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 #4 Unit 10

Simplify each of the following.

25. $(7x + 3)^2 = \underline{49x^2 + 42x + 9}$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

26. $(4x - 5)^2 = \underline{16x^2 - 40x}$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

Now, 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 #4 Unit 10

Simplify each of the following.

$$25. \quad (7x + 3)^2 = \underline{49x^2 + 42x + 9}$$

$$(7x + 3)(7x + 3) = 49x^2 + 21x + 21x + 9$$

$$26. \quad (4x - 5)^2 = \underline{16x^2 - 40x + 25}$$

$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

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

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$$(4x - 5)(4x - 5) = 16x^2 - 20x - 20x + 25$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

$$27. \quad (x + 5)(x - 5) = \underline{\hspace{2cm}}$$


$$28. \quad (x + 2)(x - 2) = \underline{\hspace{2cm}}$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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




28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



x^2


28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



$x^2 - 5x$


28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



$x^2 - 5x + 5x$


28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



$x^2 - 5x + 5x$


28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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



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

28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

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

Now, combine like terms.

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

27. $(x + 5)(x - 5) = \underline{x^2 + 0x}$

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

Now, combine like terms.

28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$

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

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28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$



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

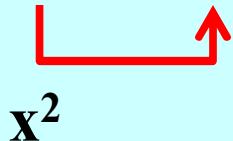
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28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$



x^2

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28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$


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

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28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$



$$x^2 - 2x + 2x$$

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


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

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


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Simplify each of the following.

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

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

28. $(x + 2)(x - 2) = \underline{\hspace{2cm}}$


$$x^2 - 2x + 2x - 4$$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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

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

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Now, combine like terms.

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

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

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28. $(x + 2)(x - 2) = \underline{x^2 + 0x}$

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Simplify each of the following.

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

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Now, 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 #4 Unit 10

Simplify each of the following.

$$27. \quad (x + 5)(x - 5) = \underline{x^2 - 25}$$

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

$$28. \quad (x + 2)(x - 2) = \underline{x^2 - 4}$$

$$x^2 - 2x + 2x - 4$$

Now, combine like terms.

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

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

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

$$x^2 - 2x + 2x - 4$$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2$


30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2$


30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2 - 6x$


30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2 - 6x$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2 - 6x + 6x$


30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2 - 6x + 6x$


30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$



$9x^2 - 6x + 6x - 4$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

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$$9x^2 - 6x + 6x - 4$$

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Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{\hspace{2cm}}$

$$9x^2 - 6x + 6x - 4$$

Now, combine like terms.

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2}$

$9x^2 - 6x + 6x - 4$

Now, combine like terms.

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 + 0x}$

$$9x^2 - 6x + 6x - 4$$

Now, combine like terms.

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2}$

$9x^2 - 6x + 6x - 4$

Now, combine like terms.

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$

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

Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 - 4}$

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Now, combine like terms.

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

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$$9x^2 - 6x + 6x - 4$$

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


Algebra I Class Worksheet #4 Unit 10

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 - 4}$

$$9x^2 - 6x + 6x - 4$$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$



$49x^2$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 - 4}$

$$9x^2 - 6x + 6x - 4$$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$



$49x^2$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 - 4}$

$$9x^2 - 6x + 6x - 4$$

30. $(7x + 3)(7x - 3) = \underline{\hspace{2cm}}$


$$49x^2 - 21x$$

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


Algebra I Class Worksheet #4 Unit 10

Simplify each of the following.

29. $(3x + 2)(3x - 2) = \underline{9x^2 - 4}$

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Now, combine like terms.

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30. $(7x + 3)(7x - 3) = \underline{49x^2 + 0x}$

$$49x^2 - 21x + 21x - 9$$

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Now, 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 #4 Unit 10

Simplify each of the following.

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Good luck on your homework !!

