

Algebra I Lesson #3 Unit 11
Class Worksheet #3
For Worksheets #5 & #6

Algebra I Unit 11 The Difference of Two Squares

Algebra I Unit 11 The Difference of Two Squares

Consider the following multiplication problems.

Algebra I Unit 11 The Difference of Two Squares

Consider the following multiplication problems.

$$(3x + 2)(3x - 2) =$$

$$(8x - 5)(8x + 5) =$$

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Consider the following multiplication problems.

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


$$(8x - 5)(8x + 5) =$$

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Consider the following multiplication problems.

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


$$(8x - 5)(8x + 5) =$$

Algebra I Unit 11 The Difference of Two Squares


Consider the following multiplication problems.

$$(3x + 2)(3x - 2) = 9x^2 - 6x$$


$$(8x - 5)(8x + 5) =$$

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$$(3x + 2)(3x - 2) = 9x^2 - 6x + 6x$$


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$$(8x - 5)(8x + 5) =$$

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Consider the following multiplication problems.

$$(3x + 2)(3x - 2) = 9x^2 - 6x + 6x - 4$$


$$(8x - 5)(8x + 5) =$$

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Consider the following multiplication problems.

$$(3x + 2)(3x - 2) = 9x^2 - 6x + 6x - 4 = 9x^2 - 4$$

$$(8x - 5)(8x + 5) = 64x^2$$



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$$(8x - 5)(8x + 5) = 64x^2$$


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Consider the following multiplication problems.


$$(3x + 2)(3x - 2) = 9x^2 - 6x + 6x - 4 = 9x^2 - 4$$

$$(8x - 5)(8x + 5) = 64x^2 + 40x$$


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Consider the following multiplication problems.

$$(3x + 2)(3x - 2) = 9x^2 - 6x + 6x - 4 = 9x^2 - 4$$

$$(8x - 5)(8x + 5) = 64x^2 + 40x - 40x - 25$$


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These problems represent a special case in which the product of two binomials is a binomial.

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$$(A + B)(A - B) = A^2 - AB + AB - B^2$$
A red bracket is drawn under the terms $-AB$ and $+AB$ in the equation. A red arrow points from the right side of the bracket (under $+AB$) up to the right side of the equation, indicating that these two terms cancel each other out.

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It is important to recognize multiplication problems that are similar to these examples.

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

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It is important to recognize multiplication problems that are similar to these examples. These equations can be written to demonstrate an important factoring pattern known as the difference of two squares.

Algebra I Unit 11 The Difference of Two Squares

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$$(3x + 2)(3x - 2) = 9x^2 - 4 \quad \longrightarrow \quad 9x^2 - 4 =$$

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$$(3x + 2)(3x - 2) = 9x^2 - 4 \quad \longrightarrow \quad 9x^2 - 4 = (3x + 2)(3x - 2)$$

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$$(3x + 2)(3x - 2) = 9x^2 - 4 \quad \longrightarrow \quad 9x^2 - 4 = (3x + 2)(3x - 2)$$

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$$(A + B)(A - B) = A^2 - B^2 \quad \longrightarrow \quad A^2 - B^2 = (A + B)(A - B)$$

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Algebra I Unit 11 Perfect Square Trinomials

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Consider the following problems.

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

$$(7x - 4)^2 =$$

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

$$(7x - 4)^2 =$$

Algebra I Unit 11 Perfect Square Trinomials

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

$$(7x - 4)^2 =$$

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Consider the following problems.


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



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


$$(7x - 4)^2 =$$

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Consider the following problems.

$$(5x + 3)^2 = (5x + 3)(5x + 3) = 25x^2 + 15x$$


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$$(7x - 4)^2 = 49x^2 - 56x + 16 \quad \longrightarrow \quad 49x^2 - 56x + 16 = (7x - 4)^2$$

$$(A + B)^2 = A^2 + 2AB + B^2 \quad \longrightarrow \quad A^2 + 2AB + B^2 = (A + B)^2$$

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As with other multiplication patterns, this pattern can also be helpful as a factoring pattern.

Algebra I Unit 11 Perfect Square Trinomials

Consider the following problems.

$$(5x + 3)^2 = 25x^2 + 30x + 9 \quad \longrightarrow \quad 25x^2 + 30x + 9 = (5x + 3)^2$$

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Algebra I Unit 11 Perfect Square Trinomials

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Algebra I Unit 11 Perfect Square Trinomials

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As with other multiplication patterns, this pattern can also be helpful as a factoring pattern. Good luck.

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

1. $(x + 2)(x - 2) =$

2. $(x - 6)(x + 6) =$

3. $(2x + 3)(2x - 3) =$

4. $(5x - 7)(5x + 7) =$

$$(A + B)(A - B) = A^2 - B^2$$

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Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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$$4. (5x - 7)(5x + 7) = (5x)^2 - 7^2 = \underline{25x^2}$$

$$(A + B)(A - B) = A^2 - B^2$$

Algebra I Class Worksheet #3 Unit 11

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$$(A + B)(A - B) = A^2 - B^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

5. $x^2 - 64 =$

6. $x^2 - 100 =$

7. $49x^2 - 16 =$

8. $9x^2 - 1 =$

$$A^2 - B^2 = (A + B)(A - B)$$

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Algebra I Class Worksheet #3 Unit 11

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$$A^2 - B^2 = (A + B)(A - B)$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

10. $(x + 5)^2 =$ _____

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$10. \quad (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$x^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$x^2 +$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$x^2 + (2)(x)(5)$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$x^2 + (2)(x)(5) +$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{\hspace{2cm}}$$

$$x^2 + (2)(x)(5) + 5^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

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Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

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

$$x^2 + (2)(x)(5) + 5^2$$

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Perform the indicated operations.

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

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Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

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

$$x^2 + (2)(x)(5) + 5^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

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

$$x^2 + (2)(x)(5) + 5^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{x^2 + 10x + 25}$$

$$x^2 + (2)(x)(5) + 5^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$x^2 + (2)(x)(3) + 3^2$$

$$10. (x + 5)^2 = \underline{x^2 + 10x + 25}$$

$$x^2 + (2)(x)(5) + 5^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

11. $(x - 2)^2 =$ _____

12. $(x - 7)^2 =$ _____

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{\hspace{2cm}}$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{\hspace{2cm}}$$
$$x^2 - (2)(x)(2)$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{\hspace{2cm}}$$

$$x^2 - (2)(x)(2) +$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

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$$11. (x - 2)^2 = \underline{\hspace{2cm}}$$

$$x^2 - (2)(x)(2) + 2^2$$

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Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. \quad (x - 2)^2 = \underline{x^2 - 4x}$$
$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x +}$$
$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. \quad (x - 2)^2 = \underline{x^2 - 4x + 4}$$
$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 -$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7)$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) +$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

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

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

$$12. (x - 7)^2 = \underline{x^2 - 14x + 49}$$

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$11. (x - 2)^2 = \underline{x^2 - 4x + 4}$$

$$x^2 - (2)(x)(2) + 2^2$$

$$12. (x - 7)^2 = \underline{x^2 - 14x + 49}$$

$$x^2 - (2)(x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$
$$(3x)^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$

$$(3x)^2 +$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$

$$(3x)^2 + (2)(3x)(2)$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$
$$(3x)^2 + (2)(3x)(2) +$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{\hspace{2cm}}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + (3x)^2 + (2)(3x)(2) + 2^2}$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x}$$
$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + (3x)^2 + (2)(3x)(2) + 2^2}$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. \quad (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$
$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. \quad (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(4x)^2$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

$$(4x)^2 +$$

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{\hspace{2cm}}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2 +}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2 + 8x}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2 + 8x + 1}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2 + 8x + 1}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$13. (3x + 2)^2 = \underline{9x^2 + 12x + 4}$$

$$(3x)^2 + (2)(3x)(2) + 2^2$$

$$14. (4x + 1)^2 = \underline{16x^2 + 8x + 1}$$

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

$$(A + B)^2 = A^2 + 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

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

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. \quad (3x - 5)^2 = \underline{9x^2}$$
$$(3x)^2 - (2)(3x)(5) + 5^2$$

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. \quad (3x - 5)^2 = \underline{9x^2 - (3x)^2 - (2)(3x)(5) + 5^2}$$

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. \quad (3x - 5)^2 = \underline{9x^2 - 30x}$$
$$(3x)^2 - (2)(3x)(5) + 5^2$$

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. \quad (3x - 5)^2 = \underline{9x^2 - 30x + (3x)^2 - (2)(3x)(5) + 5^2}$$

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. \quad (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$
$$(3x)^2 - (2)(3x)(5) + 5^2$$

$$16. \quad (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(2x)^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(2x)^2 -$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(2x)^2 - (2)(2x)(7)$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(2x)^2 - (2)(2x)(7) +$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{\hspace{2cm}}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2 -}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2 - 28x}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2 - 28x +}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2 - 28x + 49}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Perform the indicated operations.

$$15. (3x - 5)^2 = \underline{9x^2 - 30x + 25}$$

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

$$16. (2x - 7)^2 = \underline{4x^2 - 28x + 49}$$

$$(2x)^2 - (2)(2x)(7) + 7^2$$

$$(A - B)^2 = A^2 - 2AB + B^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

$$x^2 +$$

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

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

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$17. \quad x^2 + 2x + 1 = \underline{\hspace{2cm}}$$

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

$$18. \quad x^2 + 12x + 36 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

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Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

19. $x^2 - 8x + 16 =$ _____

20. $x^2 - 20x + 100 =$ _____

$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$19. \quad x^2 - 8x + 16 = \underline{\hspace{2cm}}$$

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Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$19. \quad x^2 - 8x + 16 = \underline{\hspace{2cm}}$$

$$x^2 - (2)(x)(4)$$

$$20. \quad x^2 - 20x + 100 = \underline{\hspace{2cm}}$$

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$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

21. $4x^2 + 20x + 25 =$ _____

22. $9x^2 + 30x + 25 =$ _____

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$21. \quad 4x^2 + 20x + 25 = \underline{\hspace{2cm}}$$

$$22. \quad 9x^2 + 30x + 25 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$21. \quad 4x^2 + 20x + 25 = \underline{\hspace{2cm}}$$
$$(2x)^2$$

$$22. \quad 9x^2 + 30x + 25 = \underline{\hspace{2cm}}$$

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Factor each of the following.

$$21. \quad 4x^2 + 20x + 25 = \underline{\hspace{2cm}}$$
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Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$21. \quad 4x^2 + 20x + 25 = \underline{\hspace{2cm}}$$
$$(2x)^2 + (2)(2x)(5)$$

$$22. \quad 9x^2 + 30x + 25 = \underline{\hspace{2cm}}$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$\begin{aligned} 21. \quad 4x^2 + 20x + 25 &= \underline{\hspace{2cm}} \\ (2x)^2 + (2)(2x)(5) + \end{aligned}$$

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$$(3x)^2$$

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$$A^2 + 2AB + B^2 = (A + B)^2$$

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$$(3x)^2 + (2)(3x)(5) + 5^2$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

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$$A^2 + 2AB + B^2 = (A + B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

23. $16x^2 - 24x + 9 =$ _____

24. $9x^2 - 6x + 1 =$ _____

$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$23. \quad 16x^2 - 24x + 9 = \underline{\hspace{2cm}}$$

$$24. \quad 9x^2 - 6x + 1 = \underline{\hspace{2cm}}$$

$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$23. \quad 16x^2 - 24x + 9 = \underline{\hspace{2cm}}$$
$$(4x)^2$$

$$24. \quad 9x^2 - 6x + 1 = \underline{\hspace{2cm}}$$

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Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$23. \quad 16x^2 - 24x + 9 = \underline{\hspace{2cm}}$$
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$$24. \quad 9x^2 - 6x + 1 = \underline{\hspace{2cm}}$$

$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$23. \quad 16x^2 - 24x + 9 = \underline{\hspace{2cm}}$$
$$(4x)^2 - (2)(4x)(3)$$

$$24. \quad 9x^2 - 6x + 1 = \underline{\hspace{2cm}}$$

$$A^2 - 2AB + B^2 = (A - B)^2$$

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$$23. \quad 16x^2 - 24x + 9 = \underline{\hspace{2cm}}$$

$$(4x)^2 - (2)(4x)(3) + 3^2$$

$$24. \quad 9x^2 - 6x + 1 = \underline{\hspace{2cm}}$$

$$A^2 - 2AB + B^2 = (A - B)^2$$

Algebra I Class Worksheet #3 Unit 11

Factor each of the following.

$$23. \quad 16x^2 - 24x + 9 = \underline{(4x - 3)^2}$$
$$(4x)^2 - (2)(4x)(3) + 3^2$$

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Algebra I Class Worksheet #3 Unit 11

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Good luck on your homework !!

$$(3x)^2 - (2)(3x)(1) + 1^2$$

$$A^2 + 2AB + B^2 = (A + B)^2$$

$$A^2 - 2AB + B^2 = (A - B)^2$$

