N: D: P: 1 2 3 4 5 6

Solving Quadratics // Practice 3

Solve the following quadratic equations by *Completing the Square*.

1) $x^2 - 6x + 2 = 0$

2) $x^2 + 4x - 7 = 0$

3) $x^2 - 2x - 1 = 0$

4) $x^2 - 8x + 2 = 0$

5) $x^2 + 3x + 2 = 0$

6) $x^2 - x - 5 = 0$

7) $x^2 + 7x - 2 = 0$

8) $x^2 - 9x + 1 = 0$

9) $2x^2 - 4x = 14$

10) $4x^2 - 8x - 6 = 0$

11) $4x^2 + 4x - 10 = 0$

12) $x^2 + 2x + 7 = 0$

13) $5x^2 + 10x = 55$

14) $x^2 - 2x - 5 = 0$

15) $2x^2 + 12x - 6 = 0$

16) $6x^2 - 24x = 8$

Name _____ Date _____ Period ____

5.4 Practice A **2009-20010**

Solve the following quadratic equations by completing the square.

1) $x^2 – 6x + 2 = 0$

2) $x^2 + 4x – 7 = 0$

3) $x^2 – 2x – 1 = 0$

4) $x^2 – 5x + 2 = 0$

5) $x^2 + 3x + 2 = 0$

6) $x^2 – x – 5 = 0$

7) $x^2 + 7x – 2 = 0$

8) $x^2 - 9x + 1 = 0$

9) $2x^2 – 4x = 14$

10) $4x^2 - 4x - 6 = 0$

11) $4x^2 + 4x – 10 = 0$

12) $x^2 + 2x + 7 = 0$

13) $5x^2 + 10x = 55$

14) $x^2 – 2x – 5 = 0$

15) $2x^2 +12x – 6 = 0$

16) $6x^2 - 24x = 8$

Name _____ Date _____ Period ____

5.4 Practice A **2009-20010**

Solve the following quadratic equations by completing the square.

1) $x^2 – 6x + 2 = 0$

2) $x^2 + 4x – 7 = 0$

3) $x^2 – 2x – 1 = 0$

4) $x^2 – 5x + 2 = 0$

5) $x^2 + 3x + 2 = 0$

6) $x^2 – x – 5 = 0$

7) $x^2 + 7x – 2 = 0$

8) $x^2 - 9x + 1 = 0$

9) $2x^2 – 4x = 14$

10) $4x^2 - 4x - 6 = 0$

11) $4x^2 + 4x – 10 = 0$

12) $x^2 + 2x + 7 = 0$

13) $5x^2 + 10x = 55$

14) $x^2 – 2x – 5 = 0$

15) $2x^2 +12x – 6 = 0$

16) $6x^2 - 24x = 8$