

Name: _____

Date: _____

SOLVING QUADRATIC EQUATIONS

Solve each equation by completing the square.

1)

$$8x^2 + 16x = 42$$

2)

$$6x^2 - 48 = -12x$$

3)

$$2x^2 - 5x + 67 = 0$$

4)

$$5k^2 = 60 - 20k$$

5)

$$9n^2 + 79 = -18n$$

6)

$$3x^2 = -4 + 8x$$

7)

$$4n^2 + 4n + 36 = 0$$

8)

$$10p^2 + 4p + 77 = 9$$

9)

$$7k^2 - 16k + 100 = 0$$

10)

$$2a^2 = -6 + 8a$$
