

Name _____ Date _____

Factor each expression

$$-36x + 20 =$$

$$-36x - 6 =$$

$$-12x + 6 =$$

$$27x - 12 =$$

$$-8x - 20 =$$

$$4x + 6 =$$

$$9x - 18 =$$

$$6x - 18 =$$

$$6x - 24 =$$

$$12x + 27 =$$

$$-12x - 40 =$$

$$18x - 15 =$$

Answer Key

Factor each expression

$$-36x + 20 = 4(-9x + 5)$$

$$-36x - 6 = -6(6x + 1)$$

$$-12x + 6 = 6(-2x + 1)$$

$$27x - 12 = 3(9x - 4)$$

$$-8x - 20 = -4(2x + 5)$$

$$4x + 6 = 2(2x + 3)$$

$$9x - 18 = 9(x - 2)$$

$$6x - 18 = 6(x - 3)$$

$$6x - 24 = 6(x - 4)$$

$$12x + 27 = 3(4x + 9)$$

$$-12x - 40 = -4(3x + 10)$$

$$18x - 15 = 3(6x - 5)$$