

Solve these for tomorrow's quiz review. ANSWER KEY WITH WORK SHOWN

1.  $13x = 26$        $x = 2$  because you divide both side by the coefficient 13

2.  $2x = -x + 9$

$$2x + x = 9$$

$$3x = 9$$

$$x = 3$$

3.  $10m + 36 = 8m + 48$

$$10m - 8m = -36 + 48$$

$$2m = 12$$

$$m = 6$$

4.  $2(7 - n) = -4$

$$14 - 2n = -4 \text{ (Distribute first)}$$

$$14 + 4 = 2n$$

$$18 = 2n$$

$$n = 9$$