

$$\underline{8x - 2x + 10 = 22}$$

$$6x + 10 = 22$$

~~-10~~ ~~-10~~

$$\frac{6x}{6} = \frac{12}{6}$$

$x = 2$

$$7x + 2(x + 6) = 39$$

$$\underline{7x + 2x + 12 = 39}$$

$$9x + 12 = 39$$

~~-12~~ ~~-12~~

$$\frac{9x}{9} = \frac{27}{9}$$

$x = 3$

$$1. 9d - 2d + 4 = 32$$

$$2. 6x - 2(x - 5) = 46$$

$$6x + (-2)(x + (-5)) = 46$$

$$6x + (-2x) + 10 = 46$$

$$4x + 10 = 46$$

$$4x = 36$$

$$x = 9$$

$$\frac{3}{2}(3x + 5) = (-24)$$

$$2\left(\frac{9x}{2} + \frac{15}{2}\right) = (-24)2$$

$$9x + 15 = -48$$

$$9x = -63$$

$$x = -7$$