

$$\text{Ex. } 8 + 2(w + 4) = 10$$

$$\downarrow \downarrow \quad \downarrow$$

$$8 + -2w + -8 = 10$$

$$\cancel{8} - 2w = 10$$

$$\frac{-2w}{-2} = \frac{10}{-2}$$

$$w = -5$$

$$-4 + 3 = -1$$

$$4 - 3 = 1$$

$$\text{Ex. } 2 \cdot 8 + \frac{4}{7}x(7 + x) + (-9x) + 15x^2 + 4 \cdot 9$$

$$\downarrow$$

$$2 \cdot 8 + (-4x) + \frac{4}{7}x^2 + (-9x) + 15x^2 + 4 \cdot 9$$

$$7 \cdot 7 + -13x + -14\frac{3}{7}x^2$$