1.1

$$-2x + 4 \leq -6$$

$$-2x \leq -6 - 4$$

$$-2x \leq -10$$

$$x \leq 5$$

1.2

$$\sqrt{x+2} = 5$$

$$x + 2 = 5^2$$

$$x + 2 = 25$$

$$x = 23$$

1.3

$$2x + 3y = 7$$

$$x + 4 = y$$

$$2x + 3(x+4) = 7$$

$$2x + 3x + 12 = 7$$

$$5x = 7 - 12$$

$$x = -5$$

$$x = \frac{5}{5}$$

$$x = -1$$

$$(-1) + 4 = 7$$

$$y = 3$$