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

$$2x + 3y = 7$$
$$x + 4 = y$$
$$2x + 3(x+4) = 7$$
$$2x + 3x + 4 = 7$$
$$5x = 7 - 12$$
$$5x = -5$$
$$x = -\frac{5}{5}$$
$$x = -1$$
$$(-1) + 4 = 7$$
$$y = 3$$