

1.1

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

✓

$$-2x < -6 - 4$$

✗

$$-2x \leq -10$$

✓

$$x \leq 5$$

✓

1.2

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

✓

$$x+2 = 5^2$$

✓

$$x+2 = 25$$

✓

$$x = 23$$

✓

1.3

$$2x + 3y = 7$$

✓

$$x + 4 = y$$

✓

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

✓

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

✓

$$5x = 7 - 12$$

✓

$$5x = -5$$

✓

$$x = -1$$

✗

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

✗

$$y = 3$$

✓