

$$b) -2(3-x) = 3(4-x) + 5$$

$$-6 + 2x = 12 - 3x + 5$$

$$-6 + 2x = 17 - 3x$$

$$-6 + 2x + 3x = 17$$

$$-6 + 5x = 17$$

$$5x = 17 + 6$$

$$5x = 23$$

$$x = 23 : 5$$

$$x = 4,6$$

$$\text{Ответ: } x = 4,6.$$