

$$1) |2x + 1| + |5 - 3x| + 1 - 4x = 0$$

$$(1) x \leq -1/2$$

$$-(2x + 1) - (5 - 3x) + 1 - 4x = 0$$

$$-2x - 1 - 5 + 3x + 1 - 4x = 0$$

$$-3x - 5 = 0$$

$$x = -5/3$$

$$(2) -1/2 < x < 5/3$$

$$(2x + 1) - (5 - 3x) + 1 - 4x = 0$$

$$2x + 1 - 5 + 3x + 1 - 4x = 0$$

$$-x = 3$$

$$x = -3$$

$$(3) 5/3 \leq x$$

$$(2x + 1) + (5 - 3x) + 1 - 4x = 0$$

$$2x + 1 + 5 - 3x + 1 - 4x = 0$$

$$-5x + 7 = 0$$

$$x = 7/5$$

Ответ: $-5/3$

