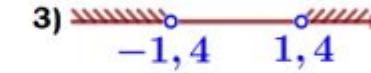
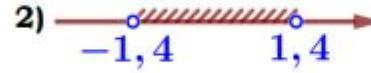
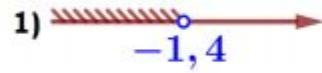


13. Укажите решение неравенства $25x^2 < 49$.



Ответ: 2.

$$25x^2 < 49$$

$$25x^2 - 49 = 0$$

$$(5x)^2 - 7^2 = 0$$

$$(5x-7)(5x+7) = 0$$

$$(5x-7) = 0 \text{ или } (5x+7) = 0$$

$$(5x-7) = 0$$

$$5x = 7$$

$$x = 7/5$$

$$x_1 = 1,4 \quad x_2 = -1,4$$

$$x^2 - y^2 = (x-y)(x+y)$$

$$7|5$$

$$5|1,4$$

$$20$$

$$20$$

$$0$$

