

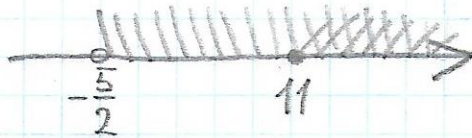
$$\begin{aligned} 2 \cdot 2 \sqrt{2} \cdot 5 \sqrt{3} \cdot 3 \sqrt{10} &= 2 \cdot 5 \cdot 3 \sqrt{2 \cdot 3 \cdot 10} = \\ &= 30 \sqrt{60} = \cancel{30} \sqrt{4 \cdot 15} = 30 \cdot 2 \sqrt{15} = \\ &= 60 \sqrt{15} \end{aligned}$$

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$$5. \begin{cases} 5 + 2x > 0 \\ 12 - 3x \leq -21 \end{cases}$$

$$\begin{cases} 2x > -5 \\ -3x \leq -33 \end{cases}$$

$$\begin{cases} x > -\frac{5}{2} \\ x \geq 11 \end{cases}$$



$$\text{Ответ: } x \in [11; +\infty)$$