

Identifying Graphs

Multi-step: S2

Choose the correct graph that best describes the solution for each inequality.

1) $\frac{4x + 47}{9} \geq 3$ or $\frac{9x - 4}{7} > 2$

- a)
- b)
- c)
- d)

2) $-3 \leq \frac{1}{4}(7x + 16) < 25$

- a)
- b)
- c)
- d)

3) $\frac{7x - 10}{5} > 12$ or

- a)
- b)
- c)
- d)

and $12(10x - 35) > 60$

- a)
- b)
- c)
- d)

5) $1 < \frac{4x - 9}{3} < 5$

- a)
- b)
- c)
- d)

or $x - \frac{x}{2} \leq 1$

- a)
- b)
- c)
- d)

PREVIEW

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7) $2x - \frac{x}{5} \geq 9$ and $\frac{x}{2} - \frac{x}{6} < 2$

- a)
- b)
- c)
- d)

8) $6(11x - 64) < 12$ or $9(4x - 47) \geq 81$

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