# Identifying Graphs

Multi-step: S1

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

1) $3(7x - 32) > 30$ and $5(6x - 20) \geq 50$

a)
b)
c)
d)

2) $5 < \dfrac{x}{2} + \dfrac{x}{3} < 10$

a)
b)
c)
d)

3) $\dfrac{3x - 8}{4} > 1$ or x

a)
b)
c)
d)

4 or $\dfrac{-15}{2x - 11} < 3$

5) $52 \leq 2(7x - 30)$

or $6 \geq \dfrac{5x + 17}{7}$
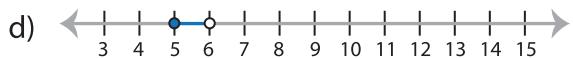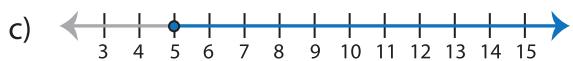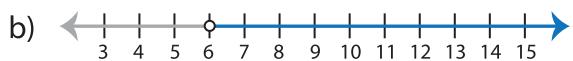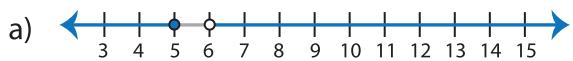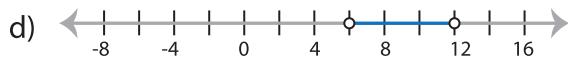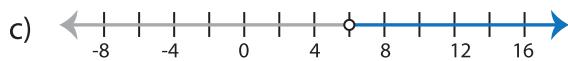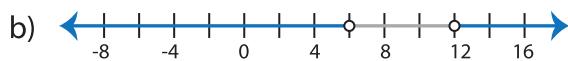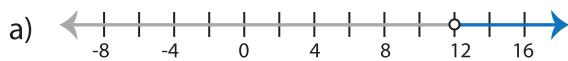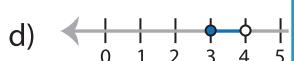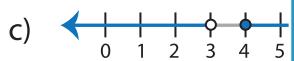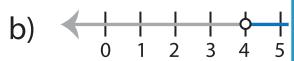
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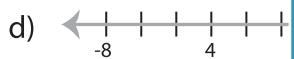
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7) $14 < \dfrac{8x + 18}{3}$ or $4(6x + 27) \leq 12$

a)
b)
c)
d)

8) $-20 \leq -\dfrac{x}{3} + 2x < 20$

a)
b)
c)
d)