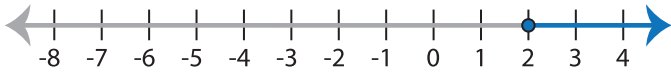


Identifying Inequalities

ES2

Choose the correct inequality that best describes each graph.

1)



a) $4x - 5 \geq 3$

b) $4x - 5 \leq 3$

c) $4x - 5 < 3$

d) $4x - 3 > 5$

2)



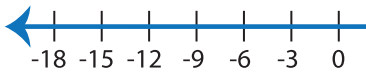
a) $7 + 3x > 37$

b) $37 + 3x < 7$

c) $7 + 3x < 37$

d) $37 + 3x > 7$

3)



a) $\frac{x}{3} + 16 \leq 21$

c) $\frac{x}{3} + 21 \geq 16$

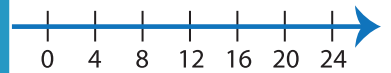
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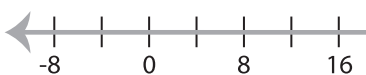
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b) $2x + 9 > 25$

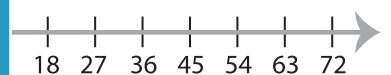
d) $2x + 25 \leq 9$

5)



a) $\frac{x-4}{5} < 4$

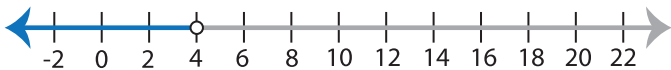
c) $\frac{x-4}{5} > 4$



b) $39 + 4x > 3$

d) $39 + 4x < 3$

7)



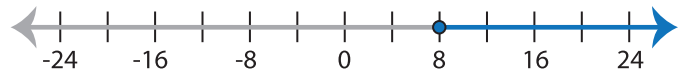
a) $11x - 3 < 41$

b) $11x - 41 \leq 3$

c) $11x - 3 \geq 41$

d) $11x - 41 > 3$

8)



a) $\frac{x}{2} + 8 \leq 12$

b) $\frac{x}{2} + 12 \geq 8$

c) $\frac{x}{2} + 12 \leq 8$

d) $\frac{x}{2} + 8 \geq 12$