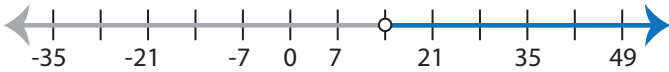


Identifying Inequalities

MS1

Choose the correct inequality that best describes each graph.

1)



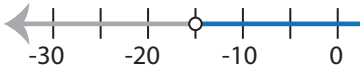
- a) $\frac{2x}{7} + x \geq 18$ b) $18 < x + \frac{2x}{7}$
 c) $18 > x + \frac{2x}{7}$ d) $\frac{2x}{7} + x \leq 18$

2)



- a) $-25 \geq 5(4x + 3)$ b) $5(4x + 3) < -25$
 c) $5(4x + 3) > -25$ d) $-25 \leq 5(4x + 3)$

3)



- a) $\frac{19x}{5} - x \geq 42$
 c) $42 > x - \frac{19x}{5}$

PREVIEW

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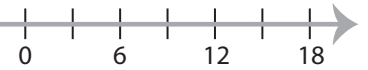
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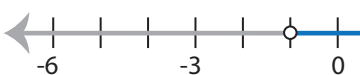
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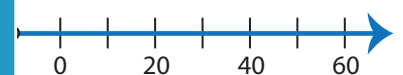


- b) $15(8x + 19) < -75$
 d) $-75 \leq 15(8x + 19)$

5)

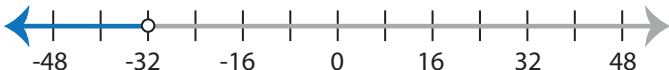


- a) $30 > 5(8x - 2)$
 c) $-30 < 5(8x + 2)$



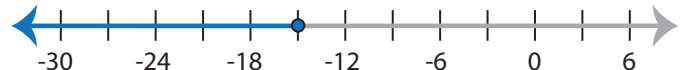
- b) $\frac{3x - 6}{4} > -9$
 d) $-9 \geq \frac{3x - 6}{4}$

7)



- a) $-12 < x - \frac{5x}{8}$ b) $\frac{5x}{8} - x < -12$
 c) $\frac{5x}{8} - x > -12$ d) $-12 > x - \frac{5x}{8}$

8)



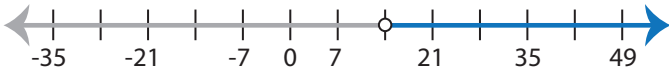
- a) $-8 \leq \frac{6x + 2}{11}$ b) $-8 \geq \frac{6x + 2}{11}$
 c) $\frac{6x + 2}{11} > -8$ d) $\frac{6x + 2}{11} < -8$

Identifying Inequalities

MS1

Choose the correct inequality that best describes each graph.

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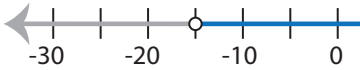
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d) $-25 \leq 5(4x + 3)$

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PREVIEW

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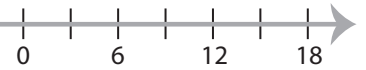
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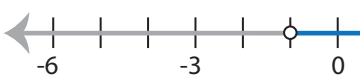
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c) $15(8x + 19) < -75$

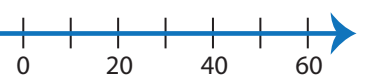
d) $-75 \leq 15(8x + 19)$

5)



a) $30 > 5(8x - 2)$

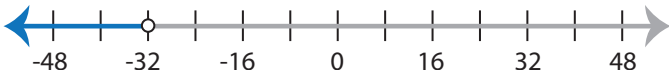
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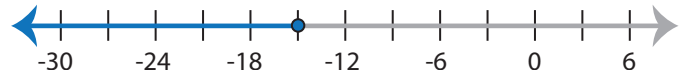
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