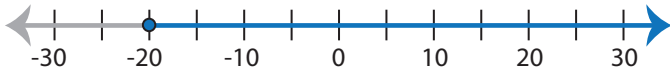


Identifying Inequalities

MS1

Choose the correct inequality that best describes each graph.

1)



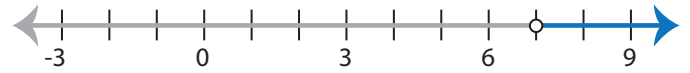
a) $-5 \geq \frac{x+5}{3}$

b) $\frac{x+5}{3} < -5$

c) $-5 \leq \frac{x+5}{3}$

d) $\frac{x+5}{2} > -5$

2)



a) $-3x - 14 > -5x$

b) $-3x + 14 < -5x$

c) $-3x - 14 < -5x$

d) $-3x + 14 > -5x$

3)



a) $-21 \leq 6x + 15$

c) $6x + 21 > -15$

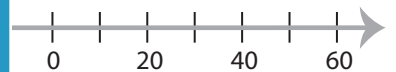
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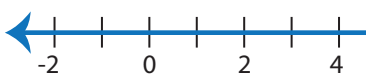
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b) $3 \geq 13 + \frac{x}{3}$

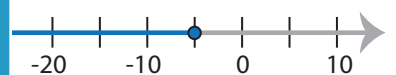
d) $3 > 13 + \frac{x}{3}$

5)



a) $5x > 7x + 18$

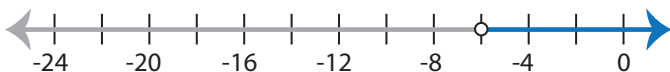
c) $5x + 18 > 7x$



b) $12 \geq -4x - 8$

d) $-4x + 8 \leq -12$

7)



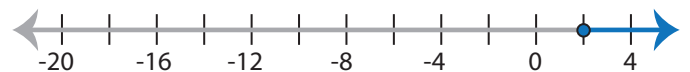
a) $3 > \frac{x}{2} + 6$

b) $6 < \frac{x}{2} + 3$

c) $6 > \frac{x}{2} + 3$

d) $3 < \frac{x}{2} + 6$

8)



a) $2x + 21 \geq 17$

b) $21 \leq 2x + 17$

c) $2x + 21 \leq 17$

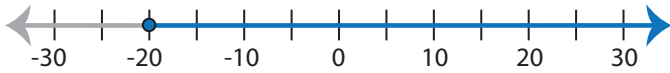
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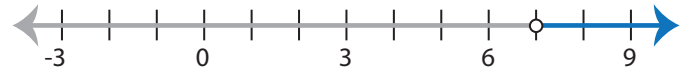
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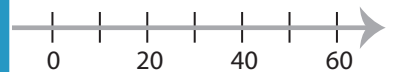
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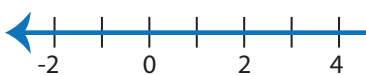
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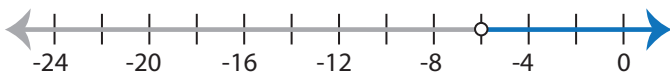
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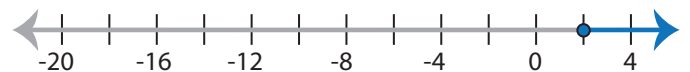
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