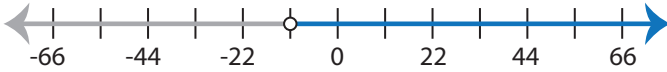


Identifying Inequalities

MS1

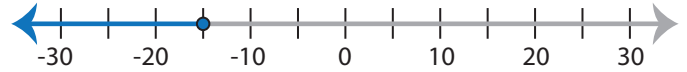
Choose the correct inequality that best describes each graph.

1)



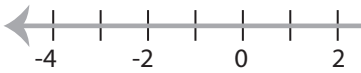
- a) $x + 2 \geq -9$ b) $x + 2 \leq -9$
 c) $-9 < x + 2$ d) $-9 > x + 2$

2)



- a) $\frac{x}{3} < -5$ b) $-5 \geq \frac{x}{3}$
 c) $\frac{x}{2} > -5$ d) $-5 \leq \frac{x}{3}$

3)



- a) $7x < 35$
 c) $35 \geq 7x$

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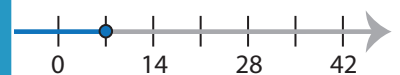


- b) $x - 10 < -6$
 d) $-6 \geq x - 10$

5)

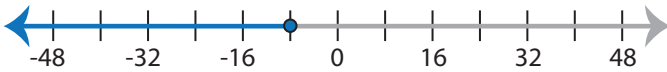


- a) $4 < 11 + x$
 c) $11 + x \leq 4$



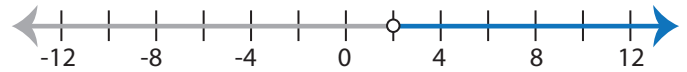
- b) $14 \leq 2x$
 d) $2x > 14$

7)



- a) $\frac{x}{8} \geq -1$ b) $-1 < \frac{x}{8}$
 c) $-1 > \frac{x}{8}$ d) $\frac{x}{8} \leq -1$

8)



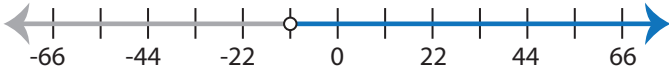
- a) $-7 < x - 9$ b) $x - 7 \leq -9$
 c) $x - 7 \geq -9$ d) $-7 > x - 9$

Identifying Inequalities

MS1

Choose the correct inequality that best describes each graph.

1)



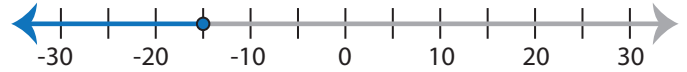
a) $x + 2 \geq -9$

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c) $-9 < x + 2$

d) $-9 > x + 2$

2)



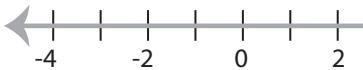
a) $\frac{x}{3} < -5$

b) $-5 \geq \frac{x}{3}$

c) $\frac{x}{2} > -5$

d) $-5 \leq \frac{x}{3}$

3)



a) $7x < 35$

c) $35 \geq 7x$

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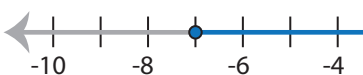
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b) $x - 10 < -6$

d) $-6 \geq x - 10$

5)



a) $4 < 11 + x$

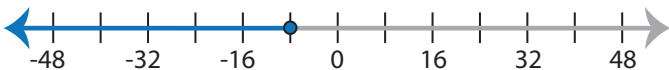
c) $11 + x \leq 4$



b) $14 \leq 2x$

d) $2x > 14$

7)



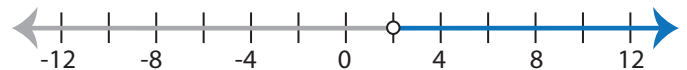
a) $\frac{x}{8} \geq -1$

b) $-1 < \frac{x}{8}$

c) $-1 > \frac{x}{8}$

d) $\frac{x}{8} \leq -1$

8)



a) $-7 < x - 9$

b) $x - 7 \leq -9$

c) $x - 7 \geq -9$

d) $-7 > x - 9$