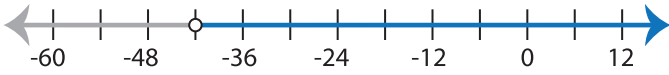


# Identifying Inequalities

MS2

Choose the correct inequality that best describes each graph.

1)



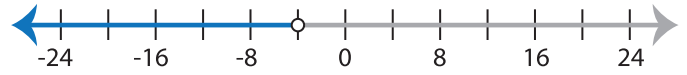
a)  $\frac{x}{7} < -6$

b)  $-6 \geq \frac{x}{7}$

c)  $\frac{x}{7} > -6$

d)  $-6 \leq \frac{x}{7}$

2)



a)  $x + 3 \geq -1$

b)  $x + 3 \leq -1$

c)  $-1 < x + 3$

d)  $-1 > x + 3$

3)



a)  $-20 < x - 9$

c)  $x - 20 \geq -9$

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b)  $4x \leq -20$

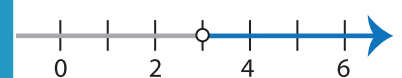
d)  $20 > -4x$

5)



a)  $3x < 21$

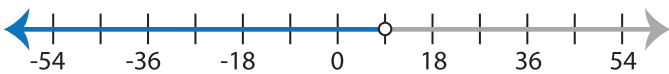
c)  $21 \geq 3x$



b)  $5 + x > 8$

d)  $5 \geq 8 + x$

7)



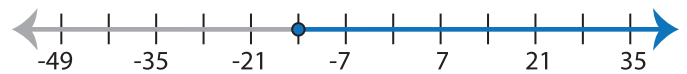
a)  $-6 > x - 15$

b)  $x - 6 \leq -15$

c)  $x - 6 \geq -15$

d)  $-6 < x - 15$

8)



a)  $\frac{x}{7} \leq -2$

b)  $-2 < \frac{x}{7}$

c)  $-2 > \frac{x}{7}$

d)  $\frac{x}{7} \geq -2$