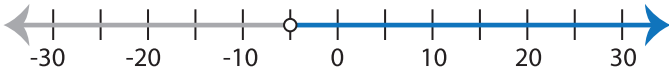


# Identifying Inequalities

MS3

Choose the correct inequality that best describes each graph.

1)



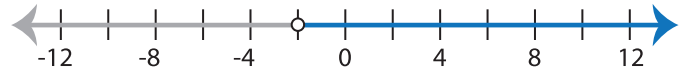
a)  $-7 < x - 2$

b)  $x - 7 \leq -2$

c)  $x - 7 \geq -2$

d)  $-7 > x - 2$

2)



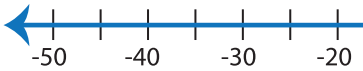
a)  $8x \geq -16$

b)  $8x \leq -16$

c)  $16 < -8x$

d)  $16 > -8x$

3)



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

c)  $\frac{x}{5} > -3$

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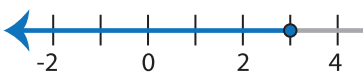
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b)  $x + 10 \leq -4$

d)  $-10 > x + 4$

5)



a)  $9x \geq 27$

c)  $27 > 9x$



b)  $x - 14 \leq -12$

d)  $-14 < x - 12$

7)



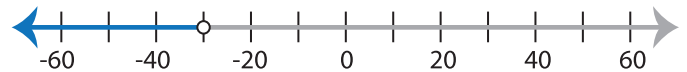
a)  $1 \leq 19 + x$

b)  $19 + x > 1$

c)  $19 + x < 1$

d)  $19 \geq 1 + x$

8)



a)  $\frac{x}{6} \leq -5$

b)  $-5 < \frac{x}{6}$

c)  $-5 > \frac{x}{6}$

d)  $\frac{x}{6} \geq -5$