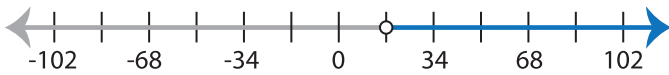


Identifying Inequalities

MS5

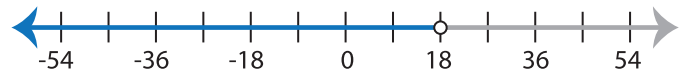
Choose the correct inequality that best describes each graph.

1)



- a) $30 < 3x - 21$ b) $30 < 3x + 21$
 c) $30 > 3x + 21$ d) $30 > 3x - 21$

2)

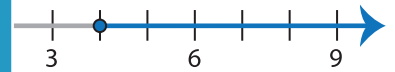


- a) $\frac{x}{6} + 4 < 1$ b) $4 < \frac{x}{6} + 1$
 c) $\frac{x}{6} - 4 > 1$ d) $4 > \frac{x}{6} + 1$

3)

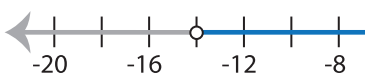


- a) $-5x + 19 \leq 9$
 c) $-5x + 19 > 9$



- b) $x + 20 \leq -6x$
 d) $-6x + 20 \leq x$

5)



- a) $14 < \frac{x}{2} + 7$
 c) $7 > 14 + \frac{x}{2}$



- b) $-11 \leq 8x - 3$
 d) $11 \leq 8x - 3$

PREVIEW

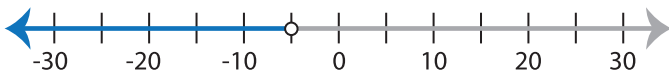
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7)



- a) $-9x + 15 \leq -6x$ b) $-9x + 15 < -6x$
 c) $-9x - 15 > -6x$ d) $-9x - 15 \geq -6x$

8)



- a) $2 \geq \frac{x+1}{8}$ b) $-2 \leq \frac{x+1}{8}$
 c) $2 \leq \frac{x+1}{8}$ d) $-2 \geq \frac{x+1}{8}$