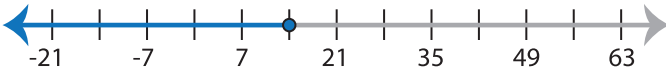


# Identifying Inequalities

MS5

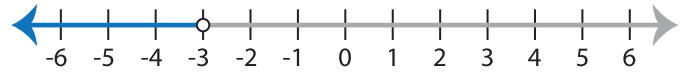
Choose the correct inequality that best describes each graph.

1)



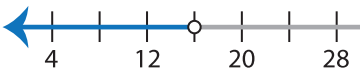
- a)  $1 < x - 13$                       b)  $x - 13 \geq 1$   
 c)  $1 > x - 13$                       d)  $x - 13 \leq 1$

2)



- a)  $5 > x + 8$                       b)  $x + 8 > 5$   
 c)  $x + 8 \leq 5$                       d)  $5 \leq x + 8$

3)

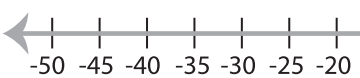


- a)  $\frac{x}{2} \leq 8$   
 c)  $8 > \frac{x}{2}$

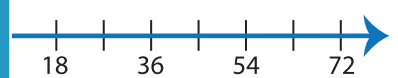


- b)  $7x \leq 28$   
 d)  $28 > 7x$

5)



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



- b)  $-3 > \frac{x}{9}$   
 d)  $\frac{x}{9} \geq -3$

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7)



- a)  $-30 \leq 6x$                       b)  $6x \leq -30$   
 c)  $6x > -30$                       d)  $-30 > 6x$

8)



- a)  $-2 > x - 20$                       b)  $-2 < x - 20$   
 c)  $x - 20 \geq -2$                       d)  $x - 20 \leq -2$