

# Identifying Inequalities

ES4

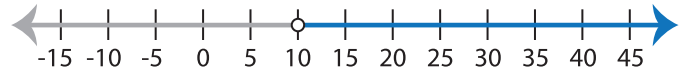
Choose the correct inequality that best describes each graph.

1)



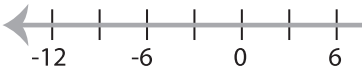
- a)  $x + 1 \geq 10$       b)  $x + 1 < 10$   
 c)  $x + 1 \leq 10$       d)  $x + 1 > 10$

2)



- a)  $x - 6 \geq 4$       b)  $x - 6 < 4$   
 c)  $x - 6 > 4$       d)  $x - 6 \leq 4$

3)

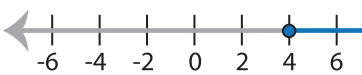


- a)  $\frac{x}{9} > 2$   
 c)  $\frac{x}{2} \leq 9$

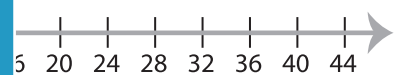


- b)  $7x \geq 35$   
 d)  $7x < 35$

5)



- a)  $4x \leq 16$   
 c)  $4x > 16$



- b)  $8 + x \geq 12$   
 d)  $8 + x > 12$

# PREVIEW

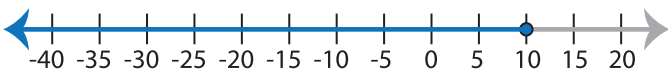
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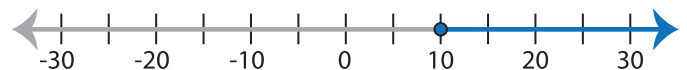
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7)



- a)  $x - 3 \leq 7$       b)  $x - 3 > 7$   
 c)  $x - 3 \geq 7$       d)  $x - 3 < 7$

8)



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