

# Identifying Inequalities

ES1

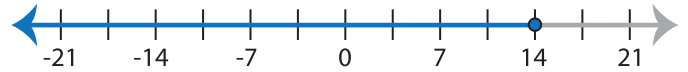
Choose the correct inequality that best describes each graph.

1)



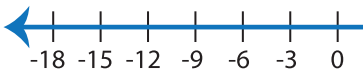
- a)  $3x + 6 \geq 12$       b)  $3x + 12 \leq 6$   
 c)  $3x + 12 \geq 6$       d)  $3x + 6 \leq 12$

2)

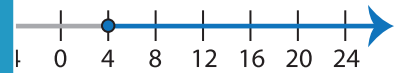


- a)  $\frac{x-2}{4} > 3$       b)  $\frac{x-2}{3} \geq 4$   
 c)  $\frac{x-2}{4} \leq 3$       d)  $\frac{x-2}{3} < 4$

3)

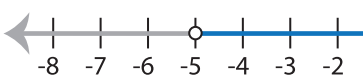


- a)  $\frac{x}{2} + 6 > 3$   
 c)  $\frac{x}{2} + 3 > 6$

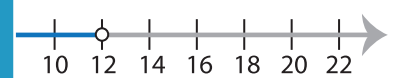


- b)  $6x - 5 \leq 19$   
 d)  $6x - 5 \geq 19$

5)



- a)  $7 + 3x < 22$   
 c)  $22 + 3x > 7$



- b)  $2x - 3 \leq 21$   
 d)  $2x - 3 > 21$

# PREVIEW

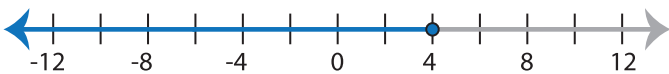
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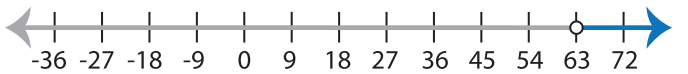
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7)



- a)  $19 + 4x < 3$       b)  $3 + 4x \leq 19$   
 c)  $19 + 4x > 3$       d)  $3 + 4x \geq 19$

8)



- a)  $\frac{x}{7} + 18 < 9$       b)  $\frac{x}{7} + 9 < 18$   
 c)  $\frac{x}{7} + 18 > 9$       d)  $\frac{x}{7} + 9 > 18$