

# MASTERY CHECK

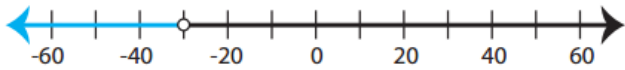
NAME: \_\_\_\_\_

Solving Inequalities

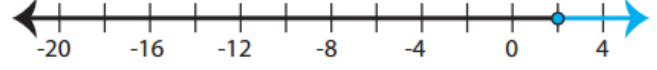
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Section 7-2 MASTERY CHECK

Choose the correct inequality that best describes each graph.



- a)  $3 < 13 + \frac{x}{3}$       b)  $3 \geq 13 + \frac{x}{3}$   
 c)  $3 \leq 13 + \frac{x}{3}$       d)  $3 > 13 + \frac{x}{3}$



- a)  $2x + 21 \geq 17$       b)  $21 \leq 2x + 17$   
 c)  $2x + 21 \leq 17$       d)  $21 \geq 2x + 17$

Choose the correct graph that best describes the solution for each inequality.

$$4x + 7 > -21$$

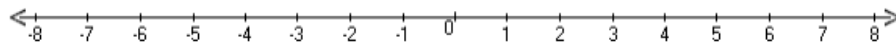
- a)      b)   
 c)      d)

$$\frac{x - 31}{5} \leq -6$$

- a)      b)   
 c)      d)

Solve and Graph

$$\frac{x}{5} - 5 \leq -4$$



$$6(3x + 5) \geq 30$$

