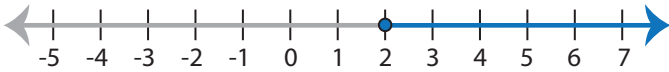


Identifying Inequalities

ES2

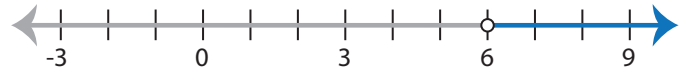
Choose the correct inequality that best describes each graph.

1)



- a) $18 < 2(5x - 1)$ b) $2(5x - 1) \leq 18$
 c) $2(5x - 1) \geq 18$ d) $18 > 2(5x - 1)$

2)



- a) $22 \leq x + \frac{8x}{3}$ b) $x + \frac{8x}{3} > 22$
 c) $x + \frac{8x}{2} < 22$ d) $22 \geq x + \frac{8x}{3}$

3)



- a) $\frac{2x - 17}{9} > 3$
 c) $3 \geq \frac{2x - 17}{9}$

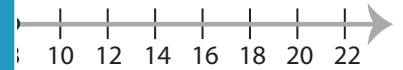
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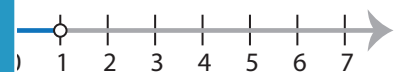


- b) $66 < 3(2x + 6)$
 d) $3(2x + 6) \geq 66$

5)

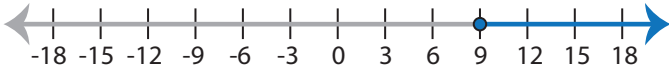


- a) $\frac{3x}{7} + x \geq 10$
 c) $10 > x + \frac{3x}{7}$



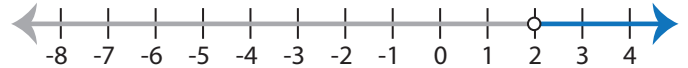
- b) $2(9x + 5) < 28$
 d) $28 \leq 2(9x + 5)$

7)



- a) $5 > x - \frac{14x}{9}$ b) $\frac{14x}{9} - x \leq 5$
 c) $\frac{14x}{9} - x \geq 5$ d) $5 < x - \frac{14x}{9}$

8)



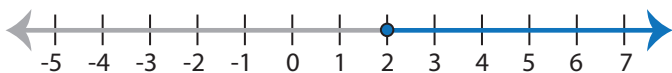
- a) $\frac{6x + 4}{8} > 2$ b) $2 \geq \frac{6x + 4}{8}$
 c) $2 \leq \frac{6x + 4}{8}$ d) $\frac{6x + 4}{8} < 2$

Identifying Inequalities

ES2

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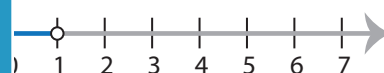


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5)

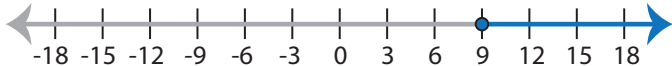


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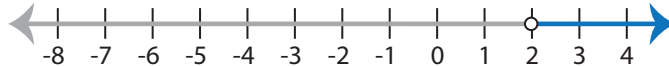
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