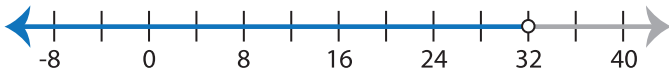


Identifying Inequalities

ES3

Choose the correct inequality that best describes each graph.

1)



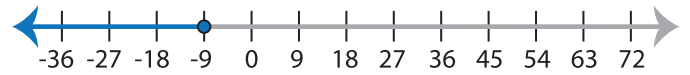
a) $\frac{x-5}{3} > 9$

b) $\frac{x-5}{9} < 3$

c) $\frac{x-5}{9} \geq 3$

d) $\frac{x-5}{9} \leq 3$

2)



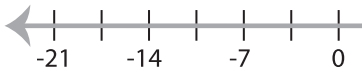
a) $29 + 3x \geq 2$

b) $2 + 3x \leq 29$

c) $2 + 3x \geq 29$

d) $29 + 3x \leq 2$

3)



a) $2x - 9 > 5$

c) $2x - 5 \geq 9$

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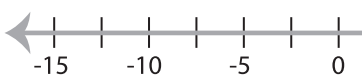
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b) $\frac{x}{3} + 4 \geq 5$

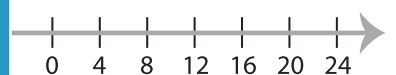
d) $\frac{x}{3} + 5 \leq 4$

5)



a) $9x - 41 < 4$

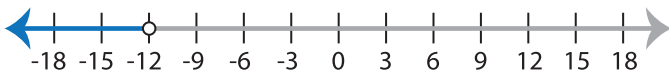
c) $9x - 4 \geq 41$



b) $13 + 2x \geq 5$

d) $13 + 2x \leq 5$

7)



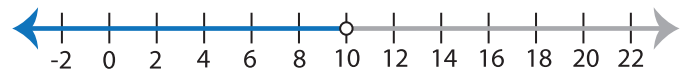
a) $\frac{x}{2} + 13 > 7$

b) $\frac{x}{2} + 13 < 7$

c) $\frac{x}{2} + 7 < 13$

d) $\frac{x}{2} + 7 > 13$

8)



a) $4x + 43 > 3$

b) $4x + 43 < 3$

c) $4x + 3 < 43$

d) $4x + 3 > 43$