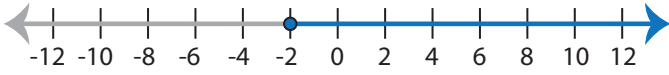


Identifying Inequalities

ES1

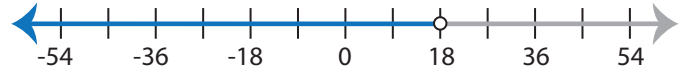
Choose the correct inequality that best describes each graph.

1)



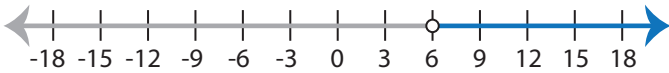
- | | |
|-------------------|-------------------|
| a) $x + 8 \geq 6$ | b) $x + 8 < 6$ |
| c) $x + 8 > 6$ | d) $x + 6 \leq 8$ |

2)



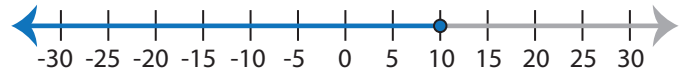
- | | |
|-------------------------|-------------------------|
| a) $\frac{x}{9} \geq 2$ | b) $\frac{x}{9} > 2$ |
| c) $\frac{x}{2} < 9$ | d) $\frac{x}{2} \leq 9$ |

3)



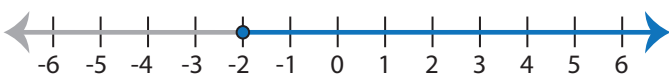
- | | |
|-----------------|--------------|
| a) $5x \geq 30$ | b) $5x > 30$ |
| c) $5x \leq 30$ | d) $5x < 30$ |

4)



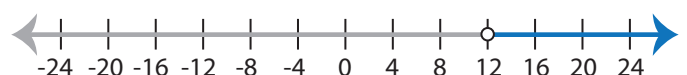
- | | |
|-------------------|----------------|
| a) $x - 5 \geq 5$ | b) $x - 5 < 5$ |
| c) $x - 5 \leq 5$ | d) $x - 5 > 5$ |

5)



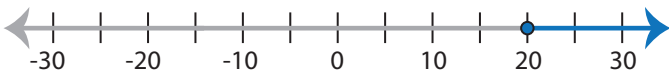
- | | |
|-------------------|-------------------|
| a) $3 + x > 1$ | b) $3 + x < 1$ |
| c) $3 + x \geq 1$ | d) $3 + x \leq 1$ |

6)



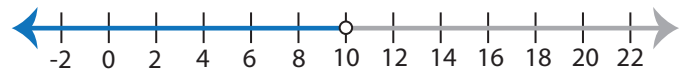
- | | |
|-----------------|-----------------|
| a) $2x > 24$ | b) $2x < 24$ |
| c) $2x \geq 24$ | d) $2x \leq 24$ |

7)



- | | |
|----------------------|-------------------------|
| a) $\frac{x}{5} < 4$ | b) $\frac{x}{5} \geq 4$ |
| c) $\frac{x}{5} > 4$ | d) $\frac{x}{5} \leq 4$ |

8)



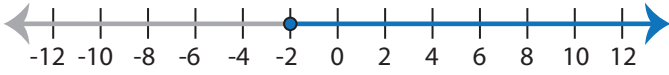
- | | |
|-------------------|----------------|
| a) $x - 2 \leq 8$ | b) $x - 2 > 8$ |
| c) $x - 2 \geq 8$ | d) $x - 2 < 8$ |

Answer key**Identifying Inequalities**

ES1

Choose the correct inequality that best describes each graph.

1)



a) $x + 8 \geq 6$

b) $x + 8 < 6$

c) $x + 8 > 6$

d) $x + 6 \leq 8$

2)



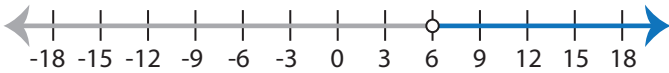
a) $\frac{x}{9} \geq 2$

b) $\frac{x}{9} > 2$

c) $\frac{x}{2} < 9$

d) $\frac{x}{2} \leq 9$

3)



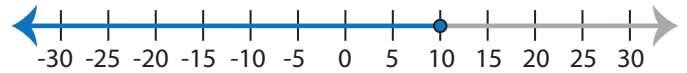
a) $5x \geq 30$

b) $5x > 30$

c) $5x \leq 30$

d) $5x < 30$

4)



a) $x - 5 \geq 5$

b) $x - 5 < 5$

c) $x - 5 \leq 5$

d) $x - 5 > 5$

5)



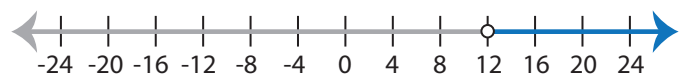
a) $3 + x > 1$

b) $3 + x < 1$

c) $3 + x \geq 1$

d) $3 + x \leq 1$

6)



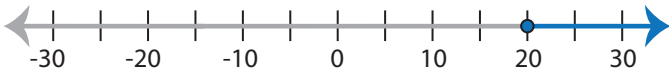
a) $2x > 24$

b) $2x < 24$

c) $2x \geq 24$

d) $2x \leq 24$

7)



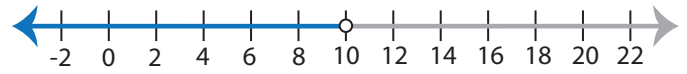
a) $\frac{x}{5} < 4$

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

c) $\frac{x}{5} > 4$

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

8)



a) $x - 2 \leq 8$

b) $x - 2 > 8$

c) $x - 2 \geq 8$

d) $x - 2 < 8$