Name : _____   Score : _____
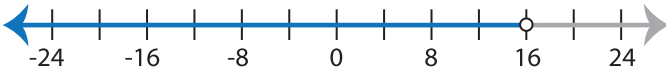
Identifying Inequalities

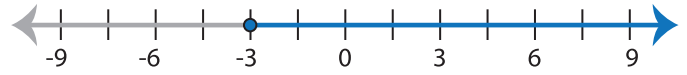Choose the correct inequality that best describes each graph.

1)

a) $\dfrac{x}{8} > 2$ b) $\dfrac{x}{8} \le 2$

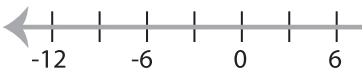c) $\dfrac{x}{8} \ge 2$ d) $\dfrac{x}{8} < 2$

2)

a) $x + 12 \ge 9$ b) $x + 12 \le 9$

c) $x + 12 < 9$ d) $x + 12 > 9$

3)

a) $x - 7 \le 5$

c) $x - 7 > 5$

4)

b) $3x > 21$

d) $3x \le 21$

5)

a) $18 + x \le 10$

c) $18 + x < 10$

6)

b) $\dfrac{x}{6} < 4$

d) $\dfrac{x}{6} > 4$

7)

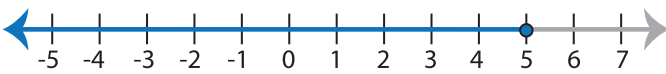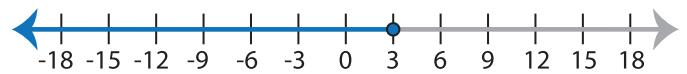a) $x - 2 < 3$ b) $x - 2 \le 3$

c) $x - 2 > 3$ d) $x - 2 \ge 3$

8)

a) $8x > 24$ b) $8x < 24$

c) $8x \ge 24$ d) $8x \le 24$

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