Multi-Step Inequalities

Choose the inequality that describes each graph.

1)
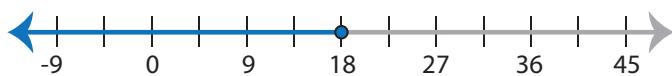
a) $9 > \dfrac{3x}{2} - x$

b) $\dfrac{3x}{2} - x \le 9$

c) ...
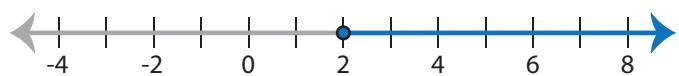
2)

a) $35 < 5(4x - 1)$

b) $5(4x - 1) \le 35$

c) ... 1)

3)

a ...

c ...

99

1

1

5)

a ...

63

c) $\dfrac{9x + 6}{6} < 10$

d) $10 \le \dfrac{9x + 6}{6}$

6

c) $63 \ge 7(8x + 1)$

d) $63 \le 7(8x + 1)$

63

7)
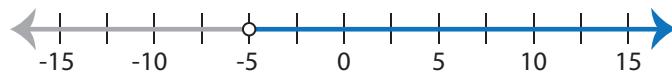
a) $36 \le 4(2x + 19)$

b) $4(2x + 19) < 36$

c) $36 \ge 4(2x + 19)$

d) $4(2x + 19) > 36$

8)
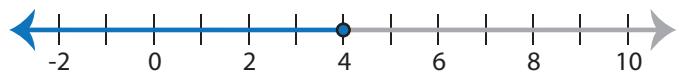
a) $\dfrac{3x}{2} + 1 > 7$

b) $\dfrac{3x}{2} + 1 \ge 7$

c) $\dfrac{3x}{2} + 1 \le 7$

d) $\dfrac{3x}{2} + 1 < 7$