Identifying Inequalities
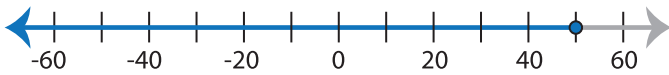
Choose the correct inequality that best describes each graph.

1)
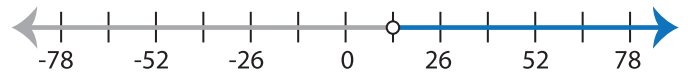

a) $\dfrac{x}{5} - 8 < 2$

b) $2 \geq \dfrac{x}{5} - 8$
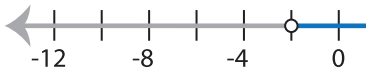
c) $\dfrac{x}{5} - 8 > 2$

d) $2 \leq \dfrac{x}{5} - 8$

2)

a) $4x + 39 < x$

b) $4x + 39 > x$

c) $x + 39 < 4x$

d) $x + 39 > 4x$

3)

a) $-5x - 7 > 3$

c) $-5x - 7 \geq 3$

b) $-6x + 21 \leq 9$

d) $-6x + 9 < 21$

5)

a) $-8x \leq -3x + 20$

c) $-8x < -3x + 20$

b) $\dfrac{x - 2}{3} > -2$

d) $\dfrac{x + 6}{3} \leq 2$

7)

a) $5 < \dfrac{x}{7} - 3$

b) $5 > \dfrac{x}{7} + 3$

c) $3 > \dfrac{x}{7} - 5$

d) $3 < \dfrac{x}{7} + 5$

8)

a) $2x - 8 < -10$

b) $2x + 10 < -8$
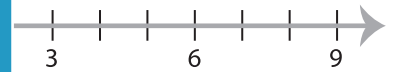
c) $2x + 10 > -8$

d) $2x - 8 > -10$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.
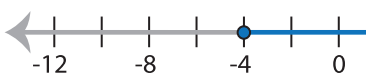
Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com