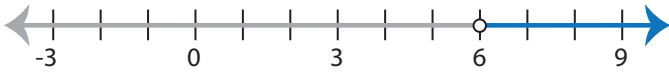


Identifying Inequalities

MS3

Choose the correct inequality that best describes each graph.

1)



- a) $11 > 8 + \frac{x}{2}$ b) $\frac{x}{2} + 11 > 8$
 c) $\frac{x}{2} + 11 < 8$ d) $11 < 8 + \frac{x}{2}$

2)



- a) $2x \leq 5x + 30$ b) $5x \leq 2x + 30$
 c) $2x \geq 5x + 30$ d) $5x \geq 2x + 30$

3)



- a) $-7 < 3x + 5$
 c) $5 > 3x - 7$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

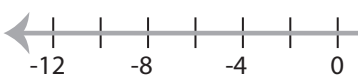
Sign up

www.mathworksheets4kids.com

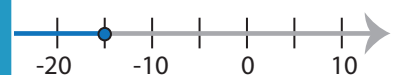


- b) $7 \geq \frac{x-4}{2}$
 d) $7 \leq \frac{x-4}{2}$

5)



- a) $-6x + 40 < -x$
 c) $-6x - 40 > -x$



- b) $-25 \geq 3x + 20$
 d) $-25 \leq 3x + 20$

7)



- a) $6 < \frac{x}{3} + 4$ b) $4 > \frac{x}{3} + 6$
 c) $4 < \frac{x}{3} + 6$ d) $6 > \frac{x}{3} + 4$

8)



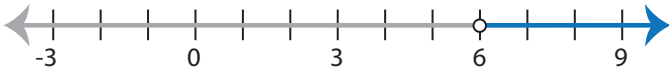
- a) $-5x - 6 < 19$ b) $-5x - 6 > 19$
 c) $-6 < -5x + 19$ d) $-6 > -5x + 19$

Identifying Inequalities

MS3

Choose the correct inequality that best describes each graph.

1)



a) $11 > 8 + \frac{x}{2}$

b) $\frac{x}{2} + 11 > 8$

c) $\frac{x}{2} + 11 < 8$

d) $11 < 8 + \frac{x}{2}$

2)



a) $2x \leq 5x + 30$

b) $5x \leq 2x + 30$

c) $2x \geq 5x + 30$

d) $5x \geq 2x + 30$

3)



a) $-7 < 3x + 5$

c) $5 > 3x - 7$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

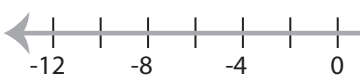
www.mathworksheets4kids.com



b) $7 \geq \frac{x-4}{2}$

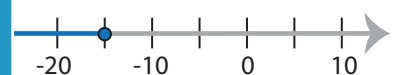
d) $7 \leq \frac{x-4}{2}$

5)



a) $-6x + 40 < -x$

c) $-6x - 40 > -x$



b) $-25 \geq 3x + 20$

d) $-25 \leq 3x + 20$

7)



a) $6 < \frac{x}{3} + 4$

b) $4 > \frac{x}{3} + 6$

c) $4 < \frac{x}{3} + 6$

d) $6 > \frac{x}{3} + 4$

8)



a) $-5x - 6 < 19$

b) $-5x - 6 > 19$

c) $-6 < -5x + 19$

d) $-6 > -5x + 19$