

## Identifying Solutions

Basic: S1

Choose the correct solution that best describes each inequality.

1)  $|x| \geq 5$

- a)  $x \geq -5$  and  $x \leq 5$     b)  $x \leq -5$   
 c)  $x \geq 5$     d)  $x \leq -5$  or  $x \geq 5$

2)  $|-x| < 9$

- a)  $x < 9$     b)  $x > 9$  or  $x < -9$   
 c)  $-9 < x < 9$     d) No solution

3)  $|x| \leq -10$

- a)  $-10 \leq x \leq 10$   
 c)  $x \leq -10$

- b)  $x < -2$  or  $x > 2$   
 d)  $x < -2$

5)  $|x| < 13$

- a)  $-13 < x < 13$   
 c)  $x < -13$

- b)  $x < 4$  and  $x > -4$   
 d) No solution

7)  $|-x| \geq 6$

- a)  $x \geq -6$  and  $x \leq 6$   
 c)  $x \geq 6$     d) No solution

- b)  $x \leq -8$   
 c)  $8 \geq x \geq -8$     d)  $x \geq 8$

9)  $-|x| \leq 3$

- a)  $x \geq 3$  or  $x \leq -3$     b)  $x \geq -3$   
 c)  $x \geq -3$  and  $x \leq 3$     d) No solution

10)  $|x| > 17$

- a)  $x < 17$  and  $x > -17$     b)  $x < -17$  or  $x > 17$   
 c)  $x > 17$     d)  $x < -17$

# 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](http://www.mathworksheets4kids.com)

## Identifying Solutions

Basic: S1

Choose the correct solution that best describes each inequality.

1)  $|x| \geq 5$

- a)  $x \geq -5$  and  $x \leq 5$     b)  $x \leq -5$   
 c)  $x \geq 5$      d)  $x \leq -5$  or  $x \geq 5$

2)  $|-x| < 9$

- a)  $x < 9$     b)  $x > 9$  or  $x < -9$   
 c)  $-9 < x < 9$     d) No solution

3)  $|x| \leq -10$

- a)  $-10 \leq x \leq 10$   
 c)  $x \leq -10$

# 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](http://www.mathworksheets4kids.com)

- b)  $x < -2$  or  $x > 2$   
 d)  $x < -2$

5)  $|x| < 13$

- a)  $-13 < x < 13$   
 c)  $x < -13$

- b)  $x < 4$  and  $x > -4$   
 d) No solution

7)  $|-x| \geq 6$

- a)  $x \geq -6$  and  $x \leq 6$   
 c)  $x \geq 6$     d) No solution

c)  $8 \geq x \geq -8$

- b)  $x \leq -8$   
 d)  $x \geq 8$

9)  $-|x| \leq 3$

- a)  $x \geq 3$  or  $x \leq -3$     b)  $x \geq -3$   
 c)  $x \geq -3$  and  $x \leq 3$      d) No solution

10)  $|x| > 17$

- a)  $x < 17$  and  $x > -17$      b)  $x < -17$  or  $x > 17$   
 c)  $x > 17$     d)  $x < -17$