Writing & Graphing Inequalities · 1

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 2

Write an inequality: x is at least 12.

Writing & Graphing Inequalities · 3

Is -5 a solution of x < -7? Write yes or no.

Writing & Graphing Inequalities · 4

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 5

The temperature t stayed above 20 degrees all day. Write an inequality for t.

Writing & Graphing Inequalities · 6

To graph x < -2 on a number line, do you use an open circle or a closed circle at -2?

Writing & Graphing Inequalities · 7

Is 2 a solution of x < 1? Write yes or no.

Writing & Graphing Inequalities · 8

To graph x > 8 on a number line, does the arrow point left or right?

Writing & Graphing Inequalities · 2

ANSWER

$x \geq 12$

Writing & Graphing Inequalities · 1

ANSWER

$x \leq -3$

Writing & Graphing Inequalities · 4

ANSWER

$x \geq 4$

Writing & Graphing Inequalities · 3

ANSWER

no

Writing & Graphing Inequalities · 6

ANSWER

open

Writing & Graphing Inequalities · 5

ANSWER

$t > 20$

Writing & Graphing Inequalities · 8

ANSWER

right

Writing & Graphing Inequalities · 7

ANSWER

no

Writing & Graphing Inequalities · 9

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 10

Write an inequality: x is greater than -24.

Writing & Graphing Inequalities · 11

Is 6 a solution of $x \leq 4$? Write yes or no.

Writing & Graphing Inequalities · 12

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 13

A suitcase can weigh at most 35 pounds. Write an inequality for an allowed weight w.

Writing & Graphing Inequalities · 14

To graph $x \geq -6$ on a number line, do you use an open circle or a closed circle at -6?

Writing & Graphing Inequalities · 15

Is -1 a solution of $x \geq -1$? Write yes or no.

Writing & Graphing Inequalities · 16

To graph $x \leq -6$ on a number line, does the arrow point left or right?

Writing & Graphing Inequalities · 10

ANSWER

$x > -24$

Writing & Graphing Inequalities · 9

ANSWER

$x < 4$

Writing & Graphing Inequalities · 12

ANSWER

$x < 7$

Writing & Graphing Inequalities · 11

ANSWER

no

Writing & Graphing Inequalities · 14

ANSWER

closed

Writing & Graphing Inequalities · 13

ANSWER

$w \leq 35$

Writing & Graphing Inequalities · 16

ANSWER

left

Writing & Graphing Inequalities · 15

ANSWER

yes

Writing & Graphing Inequalities · 17

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 18

Write an inequality: x is no less than -21.

Writing & Graphing Inequalities · 19

Is -4 a solution of $x \geq -2$? Write yes or no.

Writing & Graphing Inequalities · 20

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 21

Fewer than 20 people came to the game. Write an inequality for the number of people p.

Writing & Graphing Inequalities · 22

Is 4 a solution of $x \geq 6$? Write yes or no.

Writing & Graphing Inequalities · 23

To graph $x \geq 0$ on a number line, does the arrow point left or right?

Writing & Graphing Inequalities · 24

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 18

ANSWER

$x \geq -21$

Writing & Graphing Inequalities · 17

ANSWER

$x < 2$

Writing & Graphing Inequalities · 20

ANSWER

$x \leq -5$

Writing & Graphing Inequalities · 19

ANSWER

no

Writing & Graphing Inequalities · 22

ANSWER

no

Writing & Graphing Inequalities · 21

ANSWER

$p < 20$

Writing & Graphing Inequalities · 24

ANSWER

$x > 8$

Writing & Graphing Inequalities · 23

ANSWER

right