Writing & Graphing Inequalities · 1

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 2

Write an inequality: x is no more than 0.

Writing & Graphing Inequalities · 3

Is -2 a solution of $x \geq 1$? Write yes or no.

Writing & Graphing Inequalities · 4

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 5

A suitcase can weigh at most 45 pounds. Write an inequality for an allowed weight w.

Writing & Graphing Inequalities · 6

To graph $x \leq 8$ on a number line, do you use an open circle or a closed circle at 8?

Writing & Graphing Inequalities · 7

Is 3 a solution of $x \geq 3$? Write yes or no.

Writing & Graphing Inequalities · 8

To graph $x \geq -2$ on a number line, does the arrow point left or right?

Writing & Graphing Inequalities · 2

ANSWER

$x \leq 0$

Writing & Graphing Inequalities · 1

ANSWER

$x \leq -8$

Writing & Graphing Inequalities · 4

ANSWER

$x \geq -4$

Writing & Graphing Inequalities · 3

ANSWER

no

Writing & Graphing Inequalities · 6

ANSWER

closed

Writing & Graphing Inequalities · 5

ANSWER

$w \leq 45$

Writing & Graphing Inequalities · 8

ANSWER

right

Writing & Graphing Inequalities · 7

ANSWER

yes

Writing & Graphing Inequalities · 9

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 10

Write an inequality: x is at least -15.

Writing & Graphing Inequalities · 11

Is -7 a solution of $x \leq -7$? Write yes or no.

Writing & Graphing Inequalities · 12

Write the inequality shown by the graph. Use x.



Writing & Graphing Inequalities · 13

The speed limit is 20 miles per hour. Write an inequality for a legal speed s.

Writing & Graphing Inequalities · 14

To graph $x < 1$ on a number line, do you use an open circle or a closed circle at 1?

Writing & Graphing Inequalities · 15

Is 5 a solution of $x \leq 6$? Write yes or no.

Writing & Graphing Inequalities · 16

To graph $x \leq 1$ on a number line, does the arrow point left or right?

Writing & Graphing Inequalities · 10

ANSWER

$x \geq -15$

Writing & Graphing Inequalities · 9

ANSWER

$x \leq 7$

Writing & Graphing Inequalities · 12

ANSWER

$x \geq -6$

Writing & Graphing Inequalities · 11

ANSWER

yes

Writing & Graphing Inequalities · 14

ANSWER

open

Writing & Graphing Inequalities · 13

ANSWER

$s \leq 20$

Writing & Graphing Inequalities · 16

ANSWER

left

Writing & Graphing Inequalities · 15

ANSWER

yes

Write the inequality shown by the graph. Use x.



Write an inequality: x is greater than 15.

Is -6 a solution of $x \leq -5$? Write yes or no.

Write the inequality shown by the graph. Use x.



You need more than 15 points to win the prize. Write an inequality for a winning score p.

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

Is 8 a solution of $x > 5$? Write yes or no.

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

Writing & Graphing Inequalities · 18

ANSWER

x > 15

Writing & Graphing Inequalities · 17

ANSWER

x > 2

Writing & Graphing Inequalities · 20

ANSWER

x ≥ -5

Writing & Graphing Inequalities · 19

ANSWER

yes

Writing & Graphing Inequalities · 22

ANSWER

open

Writing & Graphing Inequalities · 21

ANSWER

p > 15

Writing & Graphing Inequalities · 24

ANSWER

right

Writing & Graphing Inequalities · 23

ANSWER

yes