

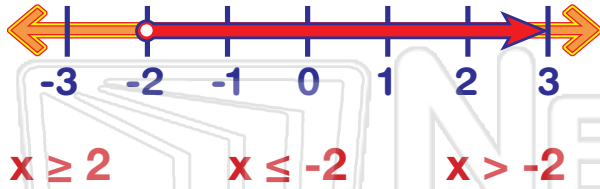


Inequalities

Math

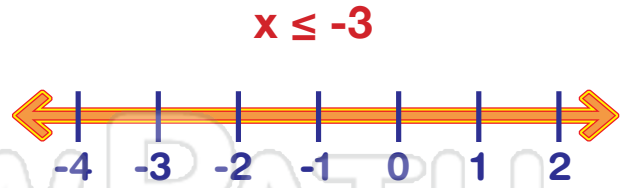
Name _____ Class _____ Date _____

1 According to the number line, which inequality is shown?
Circle the answer.



2 According to the number line, which inequality is shown?

6 Mark the number line to show this inequality.



7 Solve the inequality for x.

$$x + 7 \geq 24$$

3



PREVIEW

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4

5 Solve the inequality for x.
Check the answer.

$$x + 6 > 14$$

$x < 8$

$x > 7$

$x > 8$

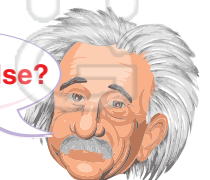
$x < 7$

10 When each side of an inequality is multiplied or divided by a negative number, the original inequality sign stays the same.

true

false

True or false?



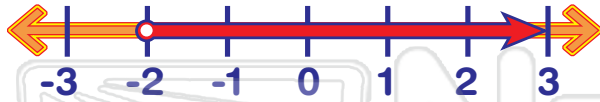


Inequalities - Answer Key

Math

Name _____ Class _____ Date _____

1 According to the number line, which inequality is shown?
Circle the answer.



- $x \geq 2$
- $x \leq -2$
- $x > -2$

2 According to the number line, which inequality is shown?

6 Mark the number line to show this inequality.

$$x \leq -3$$



7 Solve the inequality for x.

$$x + 7 \geq 24$$

- $x > 17$
- $x > 17$

3



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- $x > 1$
- $x < -1$
- $x > -1$

5 Solve the inequality for x.
Check the answer.

$$x + 6 > 14$$

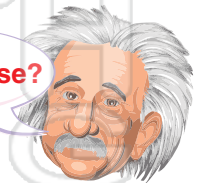
- $x < 8$
- $x > 7$
- $x > 8$
- $x < 7$

10 When each side of an inequality is multiplied or divided by a negative number, the original inequality sign stays the same.

true

false

True or false?



When each side of an inequality is multiplied or divided by a negative number, the inequality sign is reversed.