INEQUALITIES:

Task Cards for Centers or Scoot!

I Love Math!

CCSS: 6.EE.5, 6.EE.6, 6.EE.8
Created by AlwaysLearning

Glitter meets glue designs
Stellar Graphics & Teaching Materials

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Directions for Use

- Print out the cards, either in color or in grayscale, and then cut cards apart.

- Laminate for long term use. You can also hole punch the corners of the cards and put a ring through them, to keep in a basket at a center.

- Use these as independent work at centers. An answer sheet is provided for student use, as well as an answer key for a self-check opportunity. Students can attach their work to the answer sheet. All answers should be simplified.

- Use these on an Interwrite or Smart Board, and have students answer on slates. This way, you can make a quick visual assessment of who needs help with the various concepts covered by these cards.

- Use as small group work, and separate the cards into the various concepts within Inequalities (graphing on a number line, solving one-step equations, etc).

- If you play this as a Scoot game, I have found that about 1 minute to 1 minute, 15 seconds for each question worked well for my class. There are two or three questions that require further calculations than others and some that the students can answer in just a few seconds. Of course, you can play it without timing, as well!

Which is a solution of the inequality $b + 17 > 58$, 40, 41, or 42?

1

Name two solutions of the inequality $8 > 3 + x$

2

Is 12 a solution of the inequality $34 \geq 23 + y$

3

Is the given value a solution of the inequality? $24 \leq 3x$, $x=8$

4

Write an inequality for this sentence:
You must be 13 and over to watch the video.

5

Graph this inequality on a number line:
$t < 4$

6

Graph this inequality on a number line:
$m \geq 22$

7

True or False:
An open dot means the number is not included in a graph

8

Mr. Sneezum cannot spend more than $44 on movie tickets. Write and graph this inequality

9

Is the given value a solution of the inequality?
$18 \geq 9x, x=3$
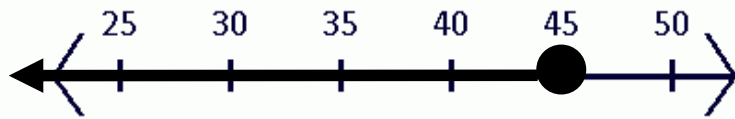
10

Is the given value a solution of the inequality?
$8 \geq 10 - t, t = 3$

11

True or False:
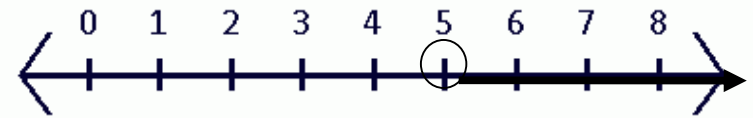A closed dot means the number is not included in a graph

12

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What is the inequality graphed below?

25 30 35 40 45 50

13

What is the inequality graphed below?
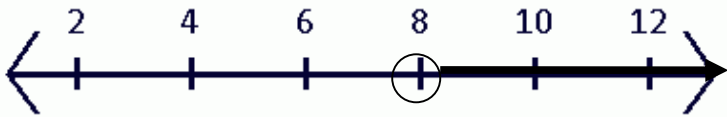
0 1 2 3 4 5 6 7 8

14

Solve $5x \leq 45$ and graph on the number line.

15

Ollie gets an allowance of $15 each week. He's saving for a bike that's $189. Write and solve the minimum amount of weeks it will take him to get his bike.
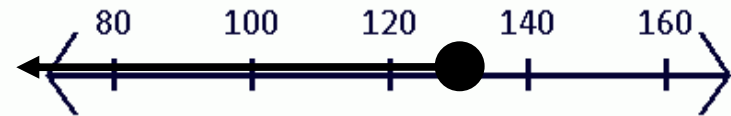
16

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What is the inequality graphed below?

A number line marked 2, 4, 6, 8, 10, 12 with an open circle at 8 and shading to the right.

17

What is the inequality graphed below?

A number line marked 80, 100, 120, 140, 160 with a closed circle at 130 and shading to the left.

18

Humpty Dumpty has $30. If each egg cup he would like to buy is $6, write and solve an inequality to find out how many egg cups he can buy.

19

Rapunzel needs some serious hairbands for her long hair. She has $75 and the hairbands are $12 each. Write and solve an inequality to find out how many hairbands she can buy.

20

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Miss Doodle has $35 to spend on new earrings and bracelets. She has already spent $14.00 on the bracelets and the earrings are $5 per pair. Write and solve an equality that can be used to find the most pairs of earrings she can buy.

21

Solve the following inequality:

$$\frac{m}{0.5} < 10$$

22

Solve the following one-step inequality
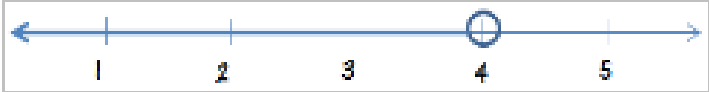and graph the solution on a number line:

$$t - 12 \leq 17$$

23

Which is a solution of the inequality $t - 8 \geq 18$, 24, 25, 26?

24

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Name: _____ Date: _____

#	Answer	#	Answer
1.		13.	
2.		14.	
3.		15.	
4.		16.	
5.		17.	
6.		18.	
7.		19.	
8.		20.	
9.		21.	
10.		22.	
11.		23.	
12.		24.	

#	ANSWer Key	#	ANSWer Key
1	42	13	$t \leq 45$
2	0, 1, 2, 3, 4	14	$m > 5$
3	No; 35 is greater than 34	15	$x \leq 9$
4	Yes; 3 * 8 = 24	16	$15d \geq 189$; divide each side by 15; $d = 12.6$ $d \geq 13$
5	$a \geq 13$	17	$m > 8$
6		18	$t \leq 130$
7		19	$6x \leq 30$; $x \leq 5$
8	True	20	$12k \leq 75$; divide each side by 12; $k = 6.25$ $k \leq 6$
9	 $s \leq 44$	21	$5x \leq 35 - 14$ $5x \leq 21$; divide each side by 5; $x = 4.2$ 4 pairs
10	No; 9 * 3 = 27; 27 > 18	22	$m < 5$
11	Yes; 8 is greater than 7	23	$t \leq 29$
12	False	24	26 is a solution of the inequality

Thank you for purchasing this Math product. It is my hope that you will find Inequalities: Task Cards an effective way to assist in teaching, reviewing, or assessing Inequalities in your classroom.

Please visit my store and look for more helpful products for grades 4-8. Don't forget to 'follow' me so you will receive updates on new products!

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