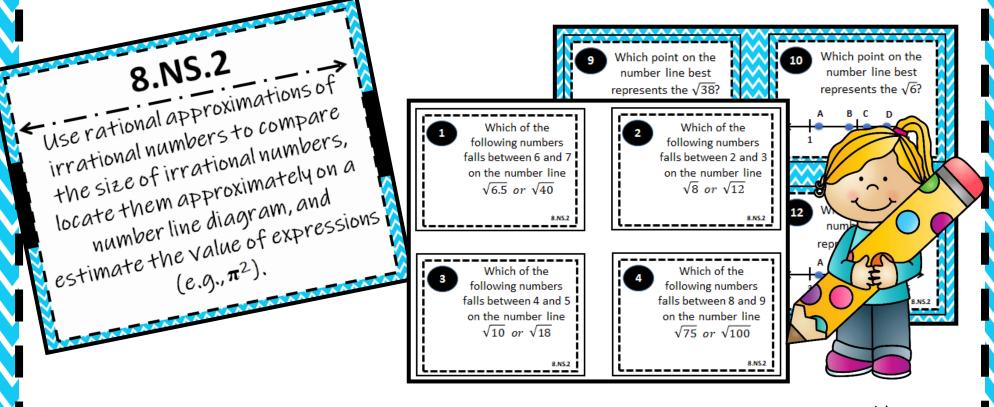
# Number System Task Cards 8.NS.2

20 Task Cards, Recording Sheet, Answer Sheet





Created by:

Math in the Midwest

## 8.NS.2

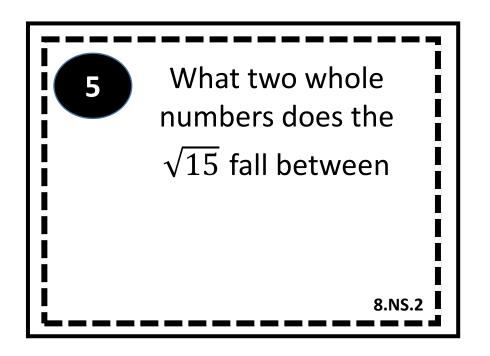
Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions  $(e.q., \pi^2).$ 

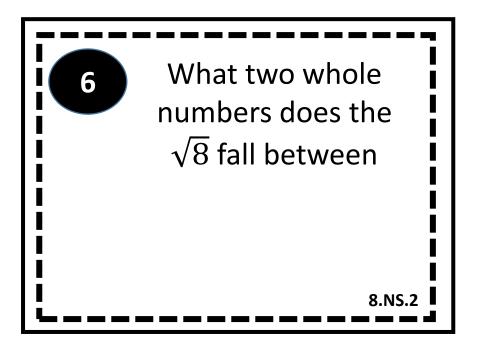
Which of the following numbers falls between 6 and 7 on the number line  $\sqrt{6.5}~or~\sqrt{40}$ 

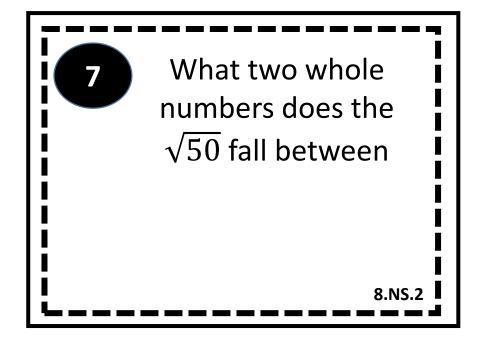
Which of the following numbers falls between 2 and 3 on the number line  $\sqrt{8} \ or \ \sqrt{12}$ 

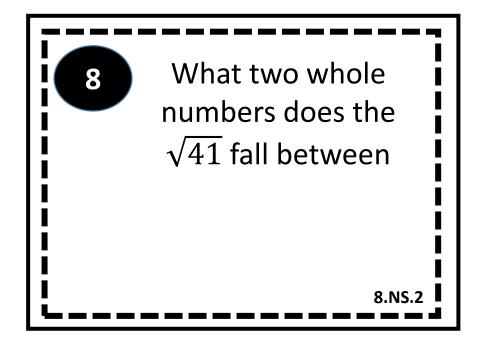
Which of the following numbers falls between 4 and 5 on the number line  $\sqrt{10} \ or \ \sqrt{18}$ 

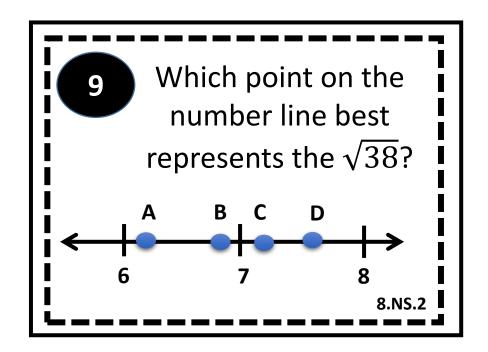
Which of the following numbers falls between 8 and 9 on the number line  $\sqrt{75} \ or \ \sqrt{100}$ 

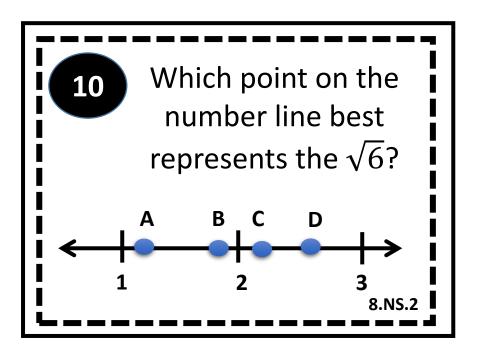


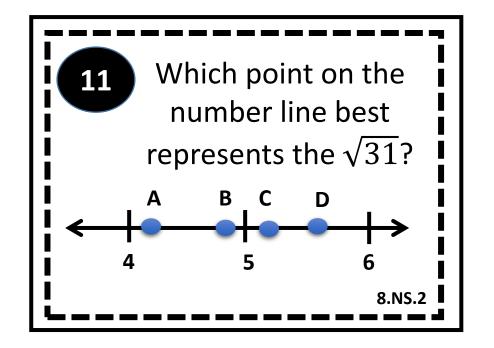


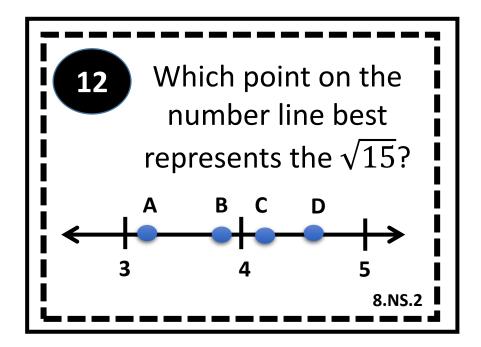


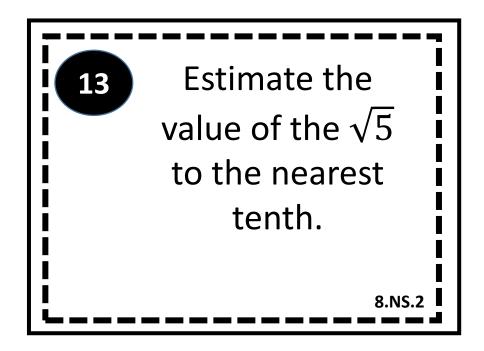


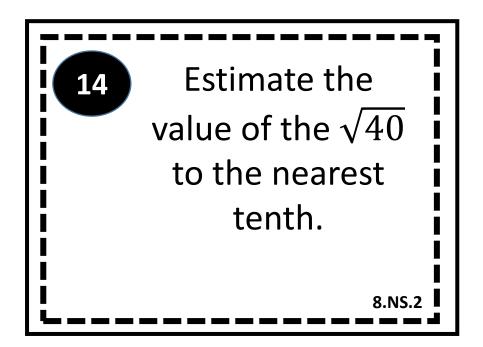


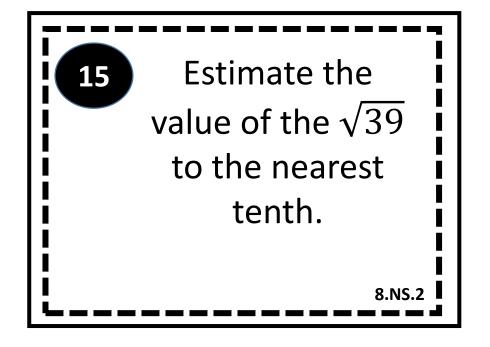


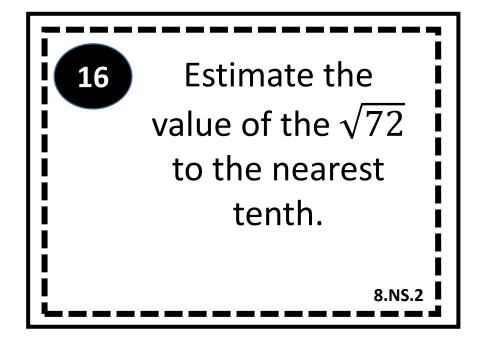


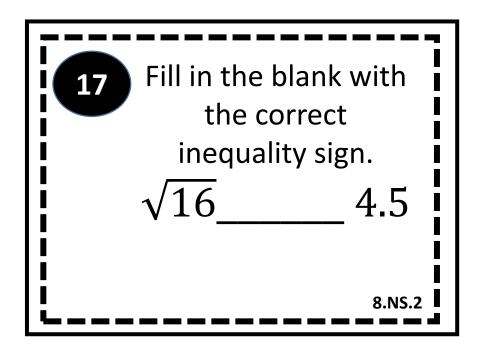






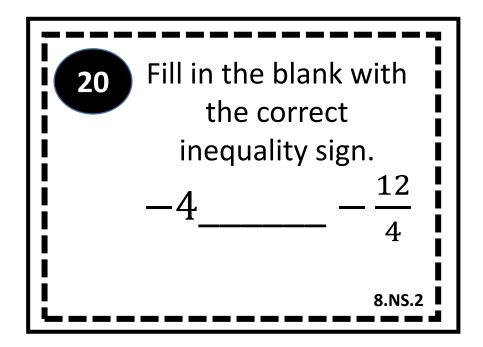


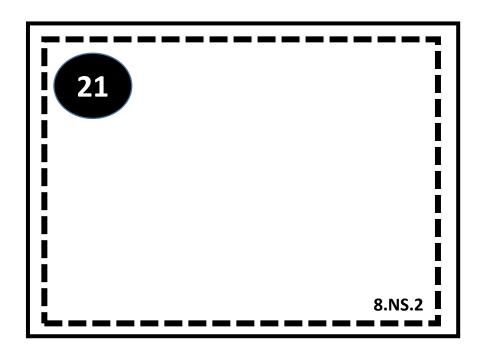


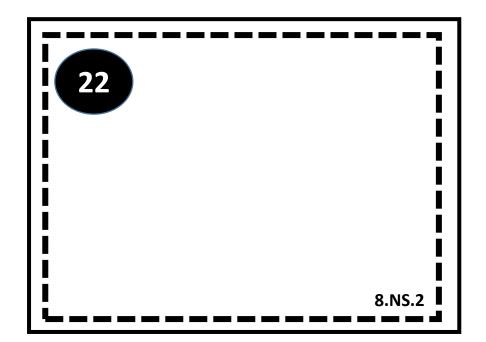


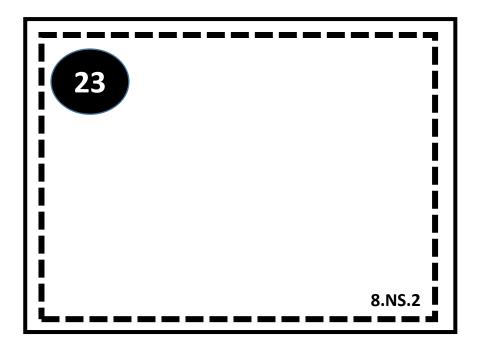
18	Fill in the	blank with
	the c	orrect
į	inequa	lity sign.
	<u>9</u> 5	√5
<u> </u>		8.NS.2

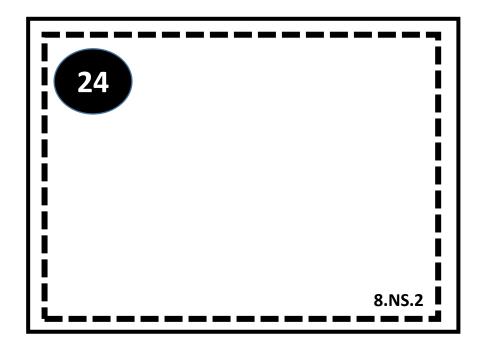
Fill in the blank with the correct	
inequality sign.	
√9 <u> </u>	
8.NS.2	











Which of the following numbers falls between 6 and 7 on the number line  $\sqrt{6.5} \ or \ \sqrt{40}$ 

8.NS.2

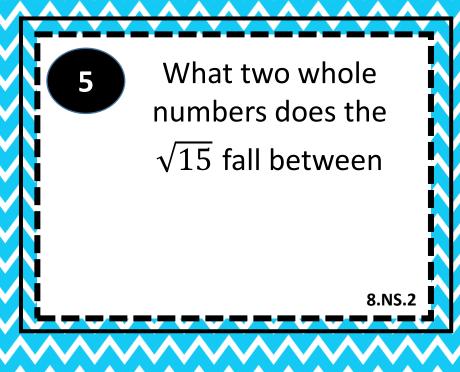
Which of the following numbers falls between 2 and 3 on the number line  $\sqrt{8}$  or  $\sqrt{12}$ 

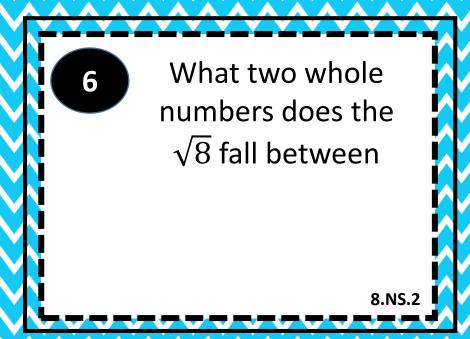
8.NS.2

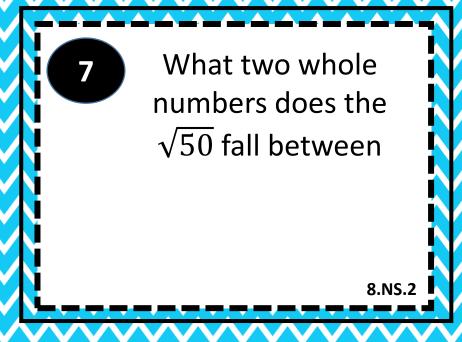
8.NS.2

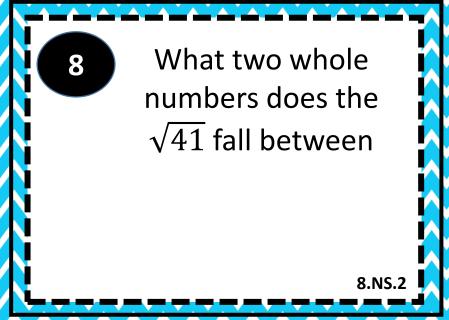
Which of the following numbers falls between 4 and 5 on the number line  $\sqrt{10} \ or \ \sqrt{18}$ 

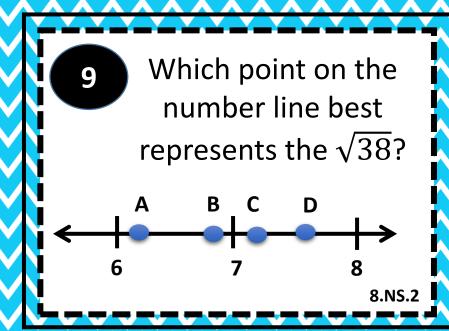
Which of the following numbers falls between 8 and 9 on the number line  $\sqrt{75}$  or  $\sqrt{100}$ 

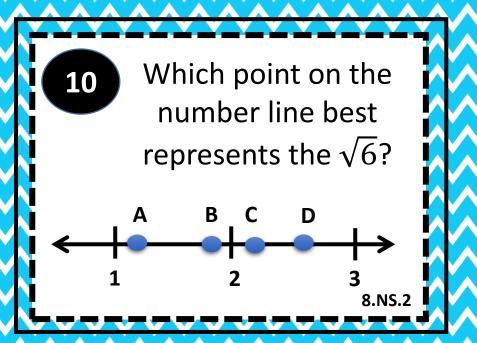


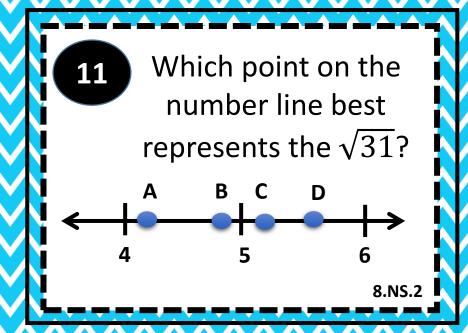


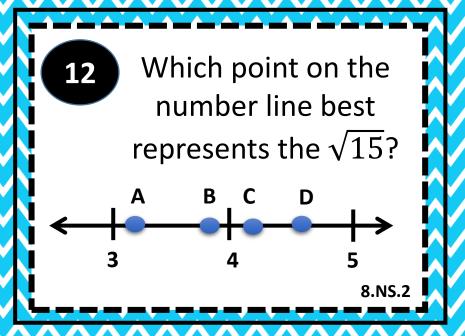


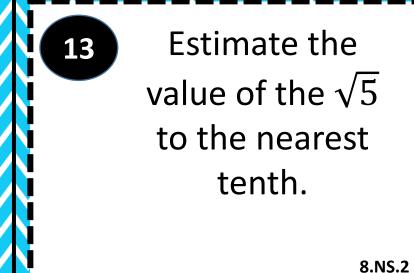












Estimate the value of the  $\sqrt{40}$  to the nearest tenth.

to the nearest tenth.

Estimate the √39

to the nearest tenth.

Estimate the value of the √72 to the nearest tenth.

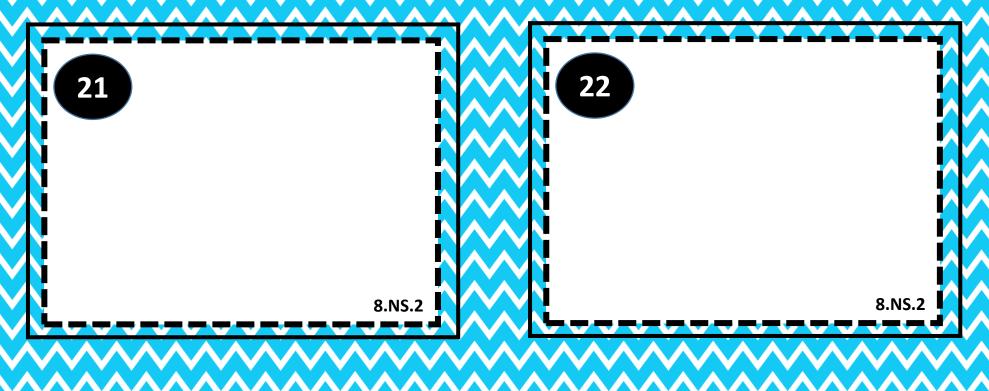
Fill in the blank with the correct inequality sign.  $\sqrt{16}$  4.5

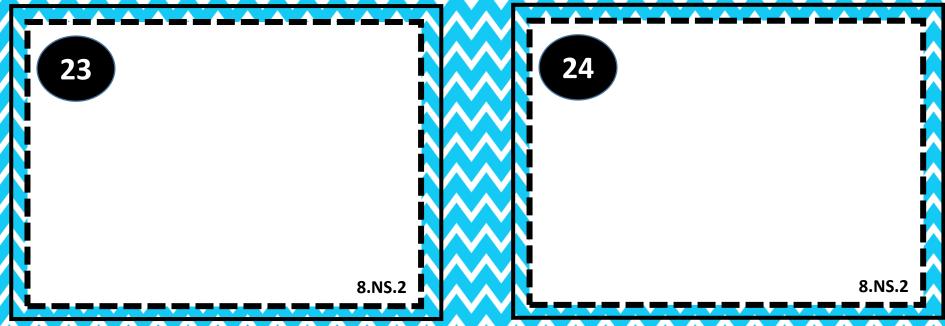
8.NS.2

18	Fill in th	e blank with	
	the	correct	
į	inequ	ıality sign.	
•	9	$\sqrt{5}$	
	5	٧೨	
Ī			
		8.NS.	2

19 Fill in the b	lank with
the co	rect
inequalit	y sign.
$\sqrt{9}$	3
	8.NS.2

Fill in the blank with the correct	
inequality sign.	
$-4_{}-\frac{12}{4}$	
8.NS.2	





Name \_\_\_\_\_

Hour \_\_\_\_\_

### 8.NS.2 Recording Sheet

1.	2.	3.
4.	5.	6.
7.	8.	9.

10.	11.	12.
13.	14.	15.
16.	17.	18.
19.	20.	

#### **Answer Key**

Number	Answer
1	$\sqrt{40}$
2	$\sqrt{8}$
3	$\sqrt{18}$
4	$\sqrt{75}$
5	3 and 4
6	2 and 3
7	7 and 8
8	6 and 7
9	Α
10	D

Number	Answer
11	D
12	В
13	2.2
14	6.3
15	6.2
16	8.5
17	<
18	<
19	=
20	<

#### Check out my other products!

Ultimate Bundles:

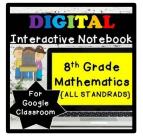


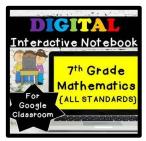


Digital Bundles:









Visit my store & follow me!

Escape Rooms:





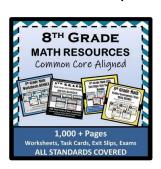


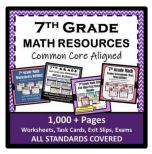






PDF Bundles:





© Math in the Midwest 2020

https://www.teacherspayteachers.com/Store/Math-In-The-Midwest



#### Terms of Use

Terms of Use Permission is granted to copy pages specifically for student or teacher use only by the original purchaser or licensee. The reproduction of this product for any other use is strictly prohibited. Copying any part of the product and placing it on the Internet is strictly prohibited. Doing so violates the Digital Millennium Copyright Act (DMCA).

© Math in the Midwest 2020

Be the first to know about my new discounts, freebies, and product launches. Click the link below to become a follower!

https://www.teacherspayteachers.com/Sellers-Im-Following/Add/Math-In-The-Midwest

#### Get TPT Credit on Future Purchases by:

• Leaving feedback on the products you purchase. TpT gives you feedback credits that you use to lower the cost of your future purchases. I truly love hearing what you think about my products so please consider leaving feedback! Thank you ©

Credit & many thanks to:



