

Name: _____ **Date:** _____

SOL 4.3 ASSESSMENT

1. Identify the place value for each digit in the number 83.729

Digit	Place Value
2	
3	
7	
8	
9	

Ones
Hundredths
Tens
Hundreds
Thousandths
Tenths

2. What digit is in the tenths place in the number 47.605?

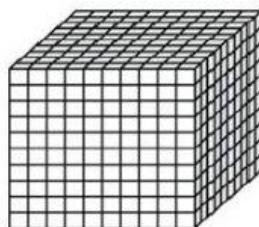
3. How is 5.67 written in word form?

a. Five and sixty-seven tenths b. Five and sixty-seven thousandths
c. Five and sixty-seven hundredths d. Five and sixty-seven tens

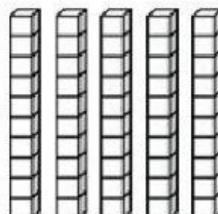
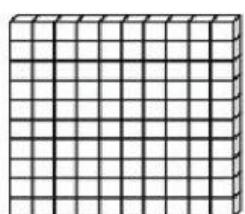
4. What is the value of 7 in the number 1.078?

- a. seven hundreds
- b. seven hundredths
- c. seventy
- d. seven thousands

5. This model represents the number one.

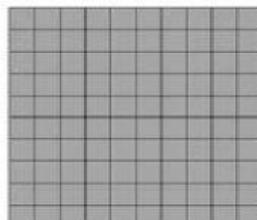


Which number does this model represent?

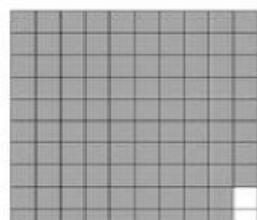


- a. 0.156
- b. 1.56
- c. 0.0168
- d. 156

6. This model is shaded to represent 1 whole.



The model shown is shaded to represent part of 1.



Which decimal best represents the shaded part of this model?

- a. 0.92
- b. 0.06
- c. 0.95
- d. 0.98

7. When rounded to the nearest whole number, which three numbers would round to 43?

43.459

43.687

43.02

43.649

43.75

43.39

8. When rounded to the dollar, which two numbers would round to \$86?

\$85.29

\$86.62

\$85.97

\$85.34

\$86.09

\$84.99

9. The following drivers completed a 100-lap race with the following times. Circle the two drivers who tied the race when their times were rounded to the nearest minute.

Driver	Race Time
Johnson	75.86
Scott	78.35
Brown	77.14
Smith	79.072
Clark	76.473

a. Johnson and Clark

b. Scott and Smith

c. Brown and Smith

d. Johnson and Brown

10. Order the following decimals from least to greatest and list them in the boxes to the right.

2.468
2.846
2.68
2.406

11. Order the following decimals from greatest to least and list them in the boxes to the right.

15.706
51.670
56.071
15.760

12. Circle the three statements that are true.

$$13.485 < 13.420$$

$$7.82 = 7.820$$

$$45.918 > 45.819$$

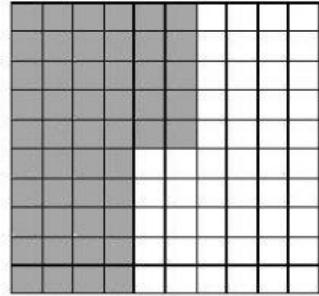
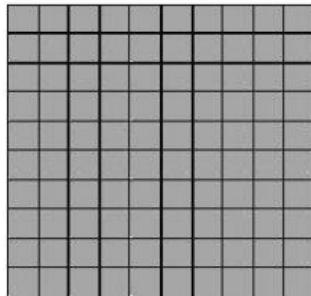
$$5.23 < 5.203$$

$$3.61 < 3.610$$

$$19.247 < 19.742$$

13. This model represents 1 whole.

Model 1 is shaded to represent a decimal.



a. Name the decimal shaded in Model 1. _____

b. Which fraction is equivalent to the decimal shaded in Model 1?

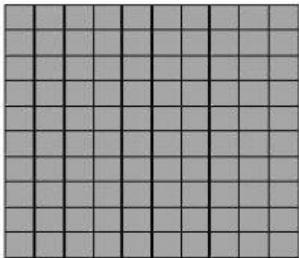
$$\frac{4}{5}$$

$$\frac{1}{4}$$

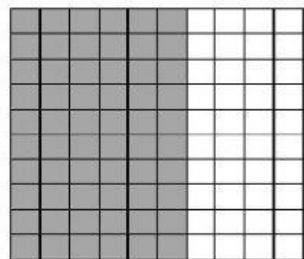
$$\frac{3}{8}$$

$$\frac{1}{2}$$

14. This model represents 1 whole.



Model 1 is shaded to represent a decimal.



a. Name the decimal shaded in Model 1. _____

b. Which fraction is equivalent to the decimal shaded in Model 1?

$$\frac{60}{100}$$

$$\frac{1}{4}$$

$$\frac{6}{100}$$

$$\frac{3}{10}$$

15. Match the fraction to the decimal equivalent.

1/4
1/2
3/10
5/4

0.3
0.25
1.25
0.5