

Name \_\_\_\_\_

## Round Decimals



**COMMON CORE STANDARD—5.NBT.A.4**  
*Understand the place value system.*

Write the place value of the underlined digit. Round each number to the place of the underlined digit.

1. 0.782

\_\_\_\_\_  
\_\_\_\_\_

2. 4.735

\_\_\_\_\_  
\_\_\_\_\_

3. 2.348

\_\_\_\_\_  
\_\_\_\_\_

4. 0.506

\_\_\_\_\_  
\_\_\_\_\_

5. 15.186

\_\_\_\_\_  
\_\_\_\_\_

6. 8.465

\_\_\_\_\_  
\_\_\_\_\_

Name the place value to which each number was rounded.

7. 0.546 to 0.55

\_\_\_\_\_

8. 4.805 to 4.8

\_\_\_\_\_

9. 6.493 to 6

\_\_\_\_\_

Round 18.194 to the place named.

10. tenths

\_\_\_\_\_

11. hundredths

\_\_\_\_\_

12. ones

\_\_\_\_\_

## Problem Solving



13. The population density of Montana is 6.699 people per square mile. What is the population density per square mile of Montana rounded to the nearest whole number?

\_\_\_\_\_

14. Alex is mailing an envelope that weighs 0.346 pounds. What is the weight of the envelope rounded to the nearest hundredth?

\_\_\_\_\_

15. **WRITE** *Math* Describe how to round 3.987 to the nearest tenth.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Lesson Check (5.NBT.A.4)

- Ms. Ari buys and sells diamonds. She has a diamond that weighs 1.825 carats. What is the weight of Ms. Ari's diamond rounded to the nearest hundredth?
- A machinist uses a special tool to measure the diameter of a small pipe. The measurement tool reads 0.276 inch. What is this measure rounded to the nearest tenth?

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## Spiral Review (5.NBT.A.1, 5.NBT.A.2, 5.NBT.A.3b, 5.NBT.B.6)

- Four ice skaters participate in an ice skating competition. The table shows their scores. Who has the highest score?
- Write a decimal that is  $\frac{1}{10}$  of 0.9.

Name	Points
Natasha	75.03
Taylor	75.39
Rowena	74.98
Suki	75.3

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- The population of Foxville is about  $12 \times 10^3$  people. Which is another way to write this number?
- Joseph needs to find the quotient of  $3,216 \div 8$ . In what place is the first digit in the quotient?

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