

Name \_\_\_\_\_

LESSON 3.5  
Practice and Homework

## Round Decimals

Go Online

Interactive Examples

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

25. 0.782

\_\_\_\_\_

\_\_\_\_\_

26. 4.735

\_\_\_\_\_

\_\_\_\_\_

27. 2.348

\_\_\_\_\_

\_\_\_\_\_

28. 0.506

\_\_\_\_\_

\_\_\_\_\_

29. 15.186

\_\_\_\_\_

\_\_\_\_\_

30. 8.465

\_\_\_\_\_

\_\_\_\_\_

Name the place value to which each number was rounded.

31. 0.546 to 0.55

\_\_\_\_\_

32. 4.805 to 4.8

\_\_\_\_\_

33. 6.493 to 6

\_\_\_\_\_

Round 18.194 to the place named.

34. tenths

\_\_\_\_\_

35. hundredths

\_\_\_\_\_

36. ones

\_\_\_\_\_

## Problem Solving



37. 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?

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Lesson Check

40.

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?
41.

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?

Spiral Review

42.

Four ice skaters participate in an ice skating competition. The table shows their scores. Who has the highest score?
43.

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

44.

Sam types 44 words per minutes. How long does it take Sam to type 1,232 words?
45.

Joseph needs to find the quotient of  $3,216 \div 8$ . In what place is the first digit in the quotient?