

MAIN IDEA

- Round decimals.

KEY CONCEPT

Rounding Decimals To round a decimal, first underline the digit to be rounded. Then look at the digit to the right of the place being rounded.

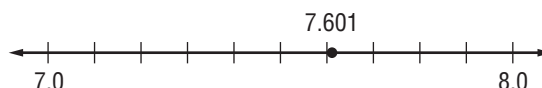
- If the digit is 4 or less, the underlined digit remains the same.
- If the digit is 5 or greater, add 1 to the underlined digit.
- After rounding, drop all digits after the underlined digit.

EXAMPLE Round Decimals**1 Round 7.601 to the nearest whole number.**

Underline the digit to be rounded. In this case, the ones place.

7.601

Then look at the digit to the right. Since 6 is greater than 5, add one to the underlined digit.



On the number line, 7.601 is closer to 8.0 than .

To the nearest whole number, 7.601 rounds to .

Check Your Progress

Round 4.321 to the nearest whole number.

1 Round 68.94 to the nearest tenth.

Underline the digit to be rounded. In this case, the digit is in the tenths place.

68.94

Then look at the digit to the right. Since 4 is less than 5, the digit 9 stays the same.



On the number line, 68.94 is closer to than 69.0.

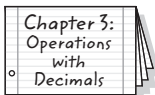
To the nearest tenth, 68.94 rounds to .

Check Your Progress

Round 125.38 to the nearest tenth.

EXAMPLE**FOLDABLES****ORGANIZE IT**

Under Lesson 3-3 of your Foldable, explain how to round \$125.657 to the nearest cent.



1 BEANS A can of black beans costs \$0.0726 per ounce. To the nearest cent, how much does an ounce of black beans cost?

There are cents in a dollar. So, rounding to the nearest cent means to round to the nearest .

Underline the digit in the hundredths place.

0.0726

Then look at the digit to the right. Since 2 is less than 5, the digit 7 stays the same.

To the nearest cent, an ounce of beans costs .

Check Your Progress

CEREAL The price per ounce for a box of cereal is shown as \$0.1275 on the tag in the grocery store. How much is this to the nearest cent?

HOMEWORK ASSIGNMENT

Page(s):

Exercises: