ALBERT

Name _____ Date _____

Rounding Decimals Worksheet

Grade 5 · Common Core 5.NBT.A.4

> Use place value understanding to round decimals to any place.

Practice

Builds the skill step by step.

1. Round 3.46 to the nearest tenth.

2. Round 7.82 to the nearest whole number.

3. Round 0.637 to the nearest hundredth.

4. Round 12.149 to the nearest tenth.

5. What is 5.95 rounded to the nearest tenth?

   A. 5.0

   B. 5.9

   C. 6.0

   D. 6.1

6. Round 4.5 to the nearest whole number.

7. Round 0.284 to the nearest tenth.

8. Round 9.996 to the nearest hundredth.

9. Round 2.718 to the nearest hundredth.

10. Round 18.47 to the nearest whole number.

ALBERT

Name _____ Date _____

Rounding Decimals Worksheet

Grade 5 · Common Core 5.NBT.A.4

On Level

Grade-level practice.

1. Round 45.678 to the nearest tenth.

2. Round 3.045 to the nearest hundredth.

3. A shirt costs $14.65. Round the price to the nearest dollar.

4. Which number rounds to 2.4 when rounded to the nearest tenth?

   A. 2.45

   B. 2.35

   C. 2.34

   D. 2.46

5. Round 0.999 to the nearest tenth.

6. Round 7.051 to the nearest hundredth.

7. A runner's time is 13.476 seconds. Round the time to the nearest hundredth of a second.

8. Which number rounds to 6 when rounded to the nearest whole number?

   A. 5.49

   B. 6.5

   C. 6.51

   D. 5.5

9. What is the greatest number with two decimal places that rounds to 3.4 when rounded to the nearest tenth?

10. Round 26.951 to the nearest tenth.

Rounding Decimals Worksheet

Grade 5 · Common Core 5.NBT.A.4

Challenge

Multi-step and word problems that stretch it.

1. What is the least number with two decimal places that rounds to 8.0 when rounded to the nearest tenth?

2. Round 4.567 to the nearest whole number, the nearest tenth and the nearest hundredth. Give the answers in that order.

3. Eva rounded 2.449 to the nearest tenth. First she rounded it to the nearest hundredth (2.45), then rounded 2.45 to the nearest tenth (2.5). What is the correct answer?

   A. 2.4

   B. 2.5

   C. 2.45

   D. 2.3

4. How many numbers with two decimal places round to 0.5 when rounded to the nearest tenth?

5. A number with three decimal places rounds to 1.3 when rounded to the nearest tenth and to 1.25 when rounded to the nearest hundredth. What is the least it could be?

6. Which number gives the same result when rounded to the nearest tenth and when rounded to the nearest whole number?

   A. 3.51

   B. 3.45

   C. 3.84

   D. 3.96

7. Round 99.95 to the nearest tenth.

8. A bottle holds 1.875 liters. What is the amount rounded to the nearest hundredth?

   A. 1.8 liters

   B. 1.87 liters

   C. 1.88 liters

   D. 1.9 liters

9. A recipe uses 2.375 cups of flour. Round the amount to the nearest tenth of a cup.

10. What is the greatest number with three decimal places that rounds to 0.70 when rounded to the nearest hundredth?