

Name _____

Round Decimals**Essential Question** How can you round decimal amounts, including amounts of money, to the nearest whole number or dollar?**UNLOCK the Problem** REAL WORLD

Ami sells fruits and nuts at an outdoor market. She sold a bag of nuts that weighed 1.35 pounds. About how much did the bag of nuts weigh, rounded to the nearest whole number?

- Underline the information that you need to find.

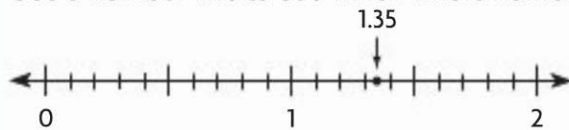
You know that you can use a number line or place value to round whole numbers. You can use the same strategies to round decimals.

Use a number line.

To round a decimal to the nearest whole number, find the whole numbers it is between.

$$\underline{\quad} < 1.35 < \underline{\quad}$$

Use a number line to see which whole number 1.35 is closer to.



1.35 is closer to than .

So, the bag of nuts weighed about pound.

Math Talk Explain how rounding decimals is like rounding whole numbers.

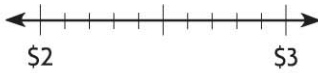
- What if** Ami sold a bag of nuts that weighed 2.82 pounds? About how much does the bag weigh, rounded to the nearest whole number?

- Describe** how you would round \$3.90 to the nearest whole dollar.

Share and Show



1. Round \$2.67 to the nearest dollar. Locate and mark \$2.67 on the number line. Which whole dollar is it closest to? _____



Round to the nearest dollar or to the nearest whole number.

2. \$0.78

3. 2.1

4. 3.5

5. \$4.50

On Your Own

Round to the nearest dollar or to the nearest whole number.

6. \$1.70

7. 2.2

8. \$3.99

9. 3.45

10. \$1.53

11. 0.9

12. \$0.19

13. 4.38

Problem Solving



14. Candice spent \$13.55 at the arts and crafts fair. How much money did Candice spend, rounded to the nearest dollar?

15. Mr. Marsh bought 2.25 pounds of American cheese. About how many pounds of cheese did Mr. Marsh buy?
