1. Draw place value disks on the place value chart to solve. Show each step using the standard algorithm.

$$4.23 \div 3 = 1.41$$

4.23 is divided into 3 equal groups. There is 1.41 in each group.

Ones	Tenths	Hundredths
0000	00	999
	40000	
	••••	•
	<b>\ ••••</b>	•
		•

When I share 4 ones equally with 3 groups, there is 1 one in each group and 1 one remaining.

In each group, there is 1 one 4 tenths 1 hundredth or 1.41.

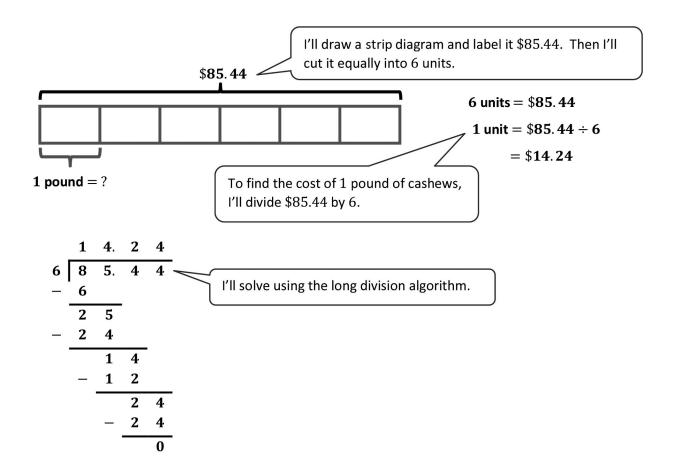
2. Solve 15.72  $\div$  4 using the standard algorithm.

 $15.72\ \mbox{is divided into}\ 4\ \mbox{equal groups}.$  There is  $3.93\ \mbox{in each group}.$ 

As I work, I'm visualizing the place value chart and thinking out loud. "We had 15 ones and shared 12 of them. 3 ones remain. I can change those 3 ones for 30 tenths, which combined with the 7 tenths in the whole, makes 37 tenths. Now I need to share 37 tenths equally with 4 groups. Each group gets 9 tenths."

When completing the division, I need to be sure to line up the place value units carefully—the tens with the tens, the ones with the ones, etc.

3. Mr. Huynh paid \$85.44 for 6 pounds of cashews. What's the cost of 1 pound of cashews?



The cost of 1 pound of cashews is \$14.24.

Name \_\_\_\_\_ Date \_\_\_\_

- 1. Draw place value disks on the place value chart to solve. Show each step using the standard algorithm.
  - a. 5.25 ÷ 3 = \_\_\_\_\_

Ones	Tenths	Hundredths

3 5. 2 5

b. 5.36 ÷ 4 = \_\_\_\_\_

Ones	Tenths	Hundredths

4 5 . 3 6



**Lesson 13:** Divide decimals with a remainder using place value understanding and relate to a written method.

2. Solve using the standard algorithm.

3. Mrs. Mayuko paid \$40.68 for 3 kg of shrimp. What's the cost of 1 kilogram of shrimp?

4. The total weight of 6 pieces of butter and a bag of sugar is 3.8 lb. If the weight of the bag of sugar is 1.4 lb, what is the weight of each piece of butter?

