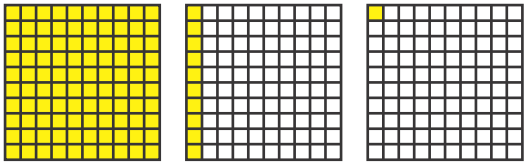
Name _____

Another Example!

You can use grids to show how money relates to fractions and decimals.

Cents are hundredths of a dollar, so amounts of money are written to the hundredths place.

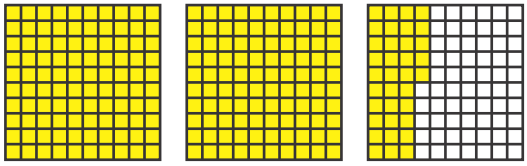


Dollar

Dime

Penny

$\$1.00 = \frac{100}{100}$ $\$0.10 = \frac{10}{100} = \frac{1}{10}$ $\$0.01 = \frac{1}{100}$



$\$2.35 = \frac{100}{100} + \frac{100}{100} + \frac{30}{100} + \frac{5}{100} = \frac{235}{100} = 2\frac{35}{100}$

$\$2.35 = \frac{235}{100}$ or $2\frac{35}{100}$

Guided Practice*

Do You Understand?

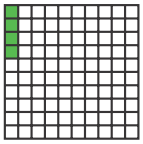
1. How can you use grids to represent \$4.71?

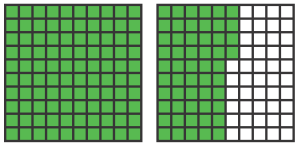
Do You Know How?

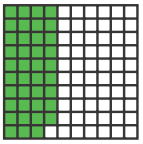
2. Write a decimal and a fraction for the part of the grid that is shaded.

Independent Practice

For **3–6**, write a decimal and fraction for each diagram.

3. 

4. 

5. 

6. 

*For another example, see Set A on page 471.

Problem Solving

7. The arena of the Colosseum in Rome was about $\frac{15}{100}$ of the entire Colosseum. Write this amount as a decimal.

8. What fraction of the Colosseum was **NOT** the arena? Write and solve an equation.

9. **Vocabulary** Write the vocabulary word that best completes the sentence:

Jelena says, "One dime is one _____ of a dollar."

10. **Number Sense** About how much of the rectangle is shaded green? Write this amount as a fraction and as a decimal.

11. **Critique Reasoning** Cher adds up the money in her piggy bank. She has a one-dollar bill and 3 dimes. Did Cher write the amount of money correctly? If not, what mistake did Cher make?

$1.3

12. **Higher Order Thinking** The diagram models the plants in a vegetable garden. Write a fraction and a decimal for each vegetable in the garden.

radishes corn
carrots lettuce

Assessment Practice

13. Which decimal represents $\frac{5}{100}$? 4.NF.3.6

Ⓐ 0.05
Ⓑ 0.5
Ⓒ 0.50
Ⓓ 0.95

14. Which fraction and decimal represent twenty-nine hundredths? 4.NF.3.6

Ⓐ 0.29 and $\frac{29}{10}$
Ⓑ 0.29 and $\frac{100}{29}$
Ⓒ 2.9 and $\frac{29}{100}$
Ⓓ 0.29 and $\frac{29}{100}$