

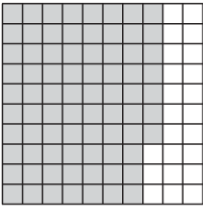
Name _____

Relate Hundredths and Decimals

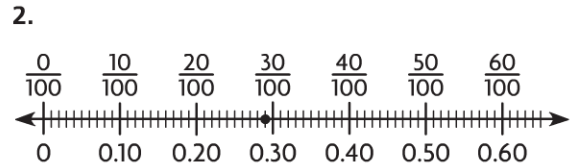
COMMON CORE STANDARD CC.4.NF.6

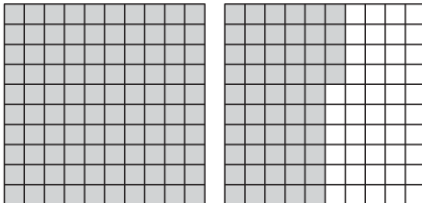
Understand decimal notation for fractions, and compare decimal fractions.

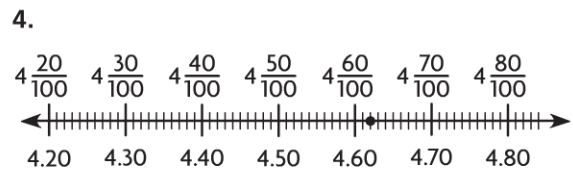
Write the fraction or mixed number and the decimal shown by the model.

1.  Think: The whole is divided into one hundred equal parts, so each part is one hundredth.

$\frac{77}{100}$; 0.77



3. 



Write the fraction or mixed number as a decimal.

5. $\frac{37}{100}$

6. $8\frac{11}{100}$

7. $\frac{98}{100}$

8. $25\frac{50}{100}$

9. $\frac{6}{100}$

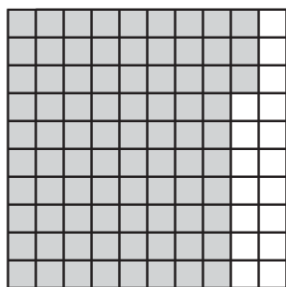
Problem Solving

10. There are 100 pennies in a dollar. What fraction of a dollar is 61 pennies? Write it as a fraction, as a decimal, and in word form.

11. Kylee has collected 100 souvenir thimbles from different places she has visited with her family. Twenty of the thimbles are carved from wood. Write the fraction of thimbles that are wooden as a decimal.

Lesson Check (CC.4.NF.6)

1. Which decimal represents the shaded section of the model below?



- (A) 830.0 (C) 8.30
(B) 83.0 (D) 0.83

2. There were 100 questions on the unit test. Alondra answered 97 of the questions correctly. What decimal represents the fraction of questions Alondra answered correctly?

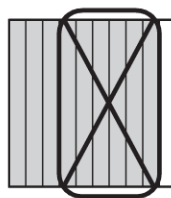
- (A) 0.97
(B) 9.70
(C) 90.70
(D) 970.0

Spiral Review (CC.4.OA.5, CC.4.NF.3b, CC.4.NF.3d, CC.4.NF.4c)

3. Which is equivalent to $\frac{7}{8}$? (Lesson 7.2)

- (A) $\frac{5}{8} + \frac{3}{8}$
(B) $\frac{4}{8} + \frac{1}{8} + \frac{1}{8}$
(C) $\frac{3}{8} + \frac{2}{8} + \frac{2}{8}$
(D) $\frac{2}{8} + \frac{2}{8} + \frac{1}{8} + \frac{1}{8}$

4. What is $\frac{9}{10} - \frac{6}{10}$? (Lesson 7.4)



- (A) $\frac{1}{10}$ (C) $\frac{4}{10}$
(B) $\frac{3}{10}$ (D) $\frac{6}{10}$

5. Misha used $\frac{1}{4}$ of a carton of 12 eggs to make an omelet. How many eggs did she use? (Lesson 8.4)

- (A) 2
(B) 3
(C) 4
(D) 6

6. Kurt used the rule *add 4, subtract 1* to generate a pattern. The first term in his pattern is 5. Which number could be in Kurt's pattern? (Lesson 5.6)

- (A) 4
(B) 6
(C) 10
(D) 14