

# Lesson 3.1

Name \_\_\_\_\_

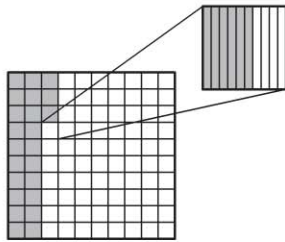
## Thousandths

COMMON CORE STANDARD CC.5.NBT.1

Understand the place value system.

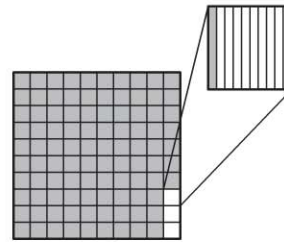
Write the decimal shown by the shaded parts of each model.

1.



0.236

2.



\_\_\_\_\_

**Think:** 2 tenths, 3 hundredths,  
and 6 thousandths are shaded

Complete the sentence.

3. 0.4 is 10 times as much as \_\_\_\_\_.

4. 0.003 is  $\frac{1}{10}$  of \_\_\_\_\_.

Use place-value patterns to complete the table.

Decimal	10 times as much as	$\frac{1}{10}$ of
5. 0.1		
6. 0.09		
7. 0.04		
8. 0.6		

Decimal	10 times as much as	$\frac{1}{10}$ of
9. 0.08		
10. 0.2		
11. 0.5		
12. 0.03		

## Problem Solving

- The diameter of a dime is seven hundred five thousandths of an inch. Complete the table by recording the diameter of a dime.
- What is the value of the 5 in the diameter of a half dollar?  
\_\_\_\_\_
- Which coins have a diameter with a 5 in the hundredths place?  
\_\_\_\_\_

U.S. Coins	
Coin	Diameter (in inches)
Penny	0.750
Nickel	0.835
Dime	
Quarter	0.955
Half dollar	1.205

### Lesson Check (CC.5.NBT.1)

- What is the relationship between 3.0 and 0.3?
  - 0.3 is 10 times as much as 3.0
  - 3.0 is  $\frac{1}{10}$  of 0.3
  - 3.0 is equal to 0.3
  - 0.3 is  $\frac{1}{10}$  of 3.0
- A penny is 0.061 inch thick. What is the value of the 6 in the thickness of a penny?
  - 6 tens
  - 6 thousandths
  - 6 tenths
  - 6 hundredths

### Spiral Review (CC.5.OA.1, CC.5.OA.2, CC.5.NBT.1)

- What is the number seven hundred thirty-one million, nine hundred thirty-four thousand, thirty written in standard form? (Lesson 1.2)
  - 731,934
  - 731,934,003
  - 731,934,030
  - 731,934,300
- Which expression matches the words "three times the sum of 8 and 4"? (Lesson 1.10)
  - $3 \times (8 + 4)$
  - $3 \times 8 + 4$
  - $3 + 8 \times 4$
  - $3 \times (8 \times 4)$
- A city has a population of 743,182 people. What is the value of the digit 3? (Lesson 1.2)
  - 3 hundreds
  - 3 thousands
  - 3 ten thousands
  - 3 thousandths
- A family of 2 adults and 3 children goes to a play. Admission costs \$8 per adult and \$5 per child. Which expression does NOT show the total admission cost for the family? (Lesson 1.12)
  - $(\$8 \times 2) + (\$5 \times 3)$
  - $\$16 + \$15$
  - $(\$8 \times \$5) + (2 + 3)$
  - \$31