

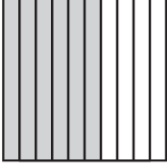
Name \_\_\_\_\_

## Relate Tenths and Decimals

**COMMON CORE STANDARD** CC.4.NF.6

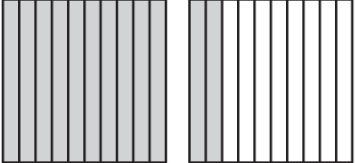
Understand decimal notation for fractions, and compare decimal fractions.

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

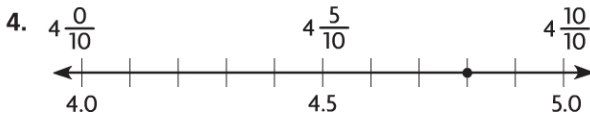
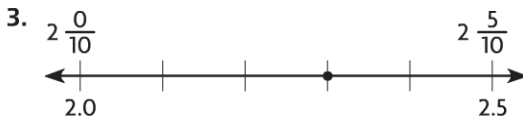
1.  Think: The model is divided into 10 equal parts. Each part represents one tenth.

$\frac{6}{10}; 0.6$

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2. 

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Write the fraction or mixed number as a decimal.

5.  $\frac{4}{10}$

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6.  $3\frac{1}{10}$

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7.  $\frac{7}{10}$

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8.  $6\frac{5}{10}$

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9.  $\frac{9}{10}$

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### Problem Solving REAL WORLD

10. There are 10 sports balls in the equipment closet. Three are kickballs. Write the portion of the balls that are kickballs as a fraction, as a decimal, and in word form.

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11. Peyton has 2 pizzas. Each pizza is cut into 10 equal slices. She and her friends eat 14 slices. What part of the pizzas did they eat? Write your answer as a decimal.

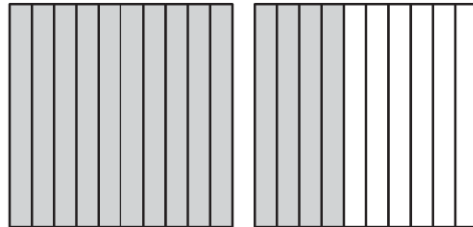
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**Lesson Check** (CC.4.NF.6)

1. Valerie has 10 CDs in her music case. Seven of the CDs are pop music CDs. What is this amount written as a decimal?

- (A) 70.0
- (B) 7.0
- (C) 0.7
- (D) 0.07

2. Which decimal amount is modeled below?



- (A) 140.0
- (B) 14.0
- (C) 1.4
- (D) 0.14

**Spiral Review** (CC.4.OA.4, CC.4.NF.1, CC.4.NF.3b)

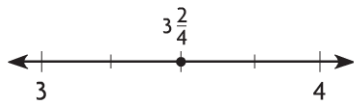
3. Which number is a factor of 13? (Lesson 5.1)

- (A) 1
- (B) 3
- (C) 4
- (D) 7

4. An art gallery has 18 paintings and 4 photographs displayed in equal rows on a wall, with the same number of each type of art in each row. Which of the following could be the number of rows? (Lesson 5.3)

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

5. How do you write the mixed number shown as a fraction greater than 1? (Lesson 7.6)



- (A)  $\frac{32}{5}$
- (B)  $\frac{14}{4}$
- (C)  $\frac{6}{4}$
- (D)  $\frac{4}{4}$

6. Which of the following models has an amount shaded that is equivalent to the fraction  $\frac{1}{5}$ ? (Lesson 6.1)

