

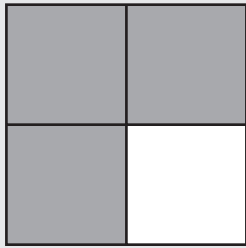
## 14

## Fractions and Number Lines

1.C.1.b 6.A.2.a 6.A.2.b

**Example**

What fraction of the figure is shaded?



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

**Example**

What number is represented by the number line?



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

**Thinking It Through**

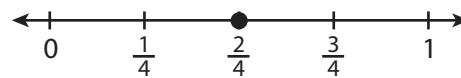
**Skim** Make sure you look carefully at the diagram to determine the correct answer.

The figure is divided into 4 equal sections. 3 of the sections are shaded. So  $\frac{3}{4}$  of the figure is shaded, *answer D*.

**Thinking It Through**

**Skim** Determine what each mark on the number line represents.

Each mark represents  $\frac{1}{4}$ . Skip count by  $\frac{1}{4}$ 's to find the correct number: 0,  $\frac{1}{4}$ ,  $\frac{2}{4}$ .



The number line shows  $\frac{2}{4}$ , *answer B*.

**Review**

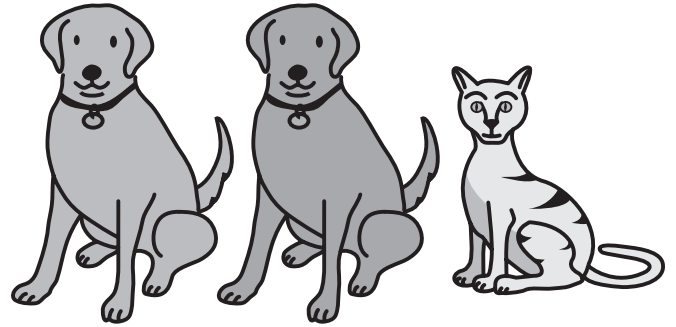
- A **fraction** can name part of a whole unit or part of a group.
- The bottom number, the **denominator**, names the total number of equal parts.
- The top number, the **numerator**, names the number of parts being used.

# Fractions and Number Lines

# 14

**Directions:** Write the answer to each Part on the lines provided.

**1** Scott has 2 dogs and 1 cat as pets.



## Part A

What fraction of Scott's pets are dogs?

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## Part B

Use what you know about fractions to explain why your answer is correct. Use words and/or numbers in your explanation.

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A fraction can also name part of a group.