

## Lesson 7 Practice Problems

1. A recipe calls for  $\frac{1}{2}$  lb of flour for 1 batch. How many batches can be made with each of these amounts?
  - a. 1 lb
  - b.  $\frac{3}{4}$  lb
  - c.  $\frac{1}{4}$  lb
  
2. Whiskers the cat weighs  $2\frac{2}{3}$  kg. Piglio weighs 4 kg. For each question, write a multiplication equation and a division equation, decide whether the answer is greater than 1 or less than 1, and then find the answer.
  - a. How many times as heavy as Piglio is Whiskers?
  
  - b. How many times as heavy as Whiskers is Piglio?
  
3. Andre is walking from his home to a festival that is  $1\frac{5}{8}$  kilometers away. He walks  $\frac{1}{3}$  kilometer and then takes a quick rest. Which question can be represented by the equation  $? \cdot 1\frac{5}{8} = \frac{1}{3}$  in this situation?
  - A. What fraction of the trip has Andre completed?
  - B. What fraction of the trip is left?
  - C. How many more kilometers does Andre have to walk to get to the festival?
  - D. How many kilometers is it from home to the festival and back home?

4. Draw a tape diagram to represent the question: What fraction of  $2\frac{1}{2}$  is  $\frac{4}{5}$ ?  
Then find the answer.

5. How many groups of  $\frac{3}{4}$  are in each of these quantities?

a.  $\frac{11}{4}$

b.  $6\frac{1}{2}$

(From Unit 4, Lesson 6.)

6. Which question can be represented by the equation  $4 \div \frac{2}{7} = ?$

A. What is 4 groups of  $\frac{2}{7}$ ?

B. How many  $\frac{2}{7}$ s are in 4?

C. What is  $\frac{2}{7}$  of 4?

D. How many 4s are in  $\frac{2}{7}$ ?

(From Unit 4, Lesson 4.)