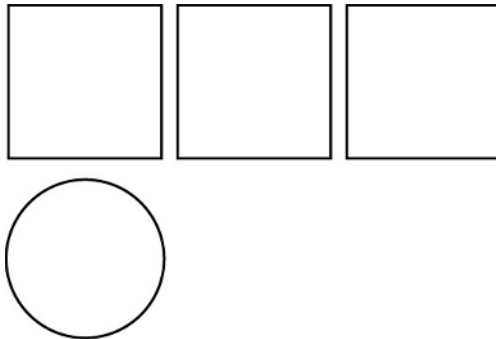


LESSON
6-1

Ratios

Practice and Problem Solving: D

The number of square patches compared to circle patches on a quilt is represented by the model below.



Complete. The first one is done for you.

- Write a ratio that compares the number of circle patches to the number of square patches.

1 circle patch to 3 square patches; 1 to 3

- If there are 9 square patches on the quilt, how many circle patches are there?

$9 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ circle patches

- How many square patches are there if there are 4 circle patches on a quilt?

$4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ square patches

The number of Caroline's pet fish is shown in the table. Write each ratio in three different ways. The first one is done for you.

- tiger barbs to catfish

5 to 1, 5:1, $\frac{5}{1}$

Caroline's Pet Fish	
Tiger Barbs	5
Catfish	1
Angelfish	4

- catfish to angelfish

- angelfish to tiger barbs

Write three equivalent ratios for the given ratio. The first one is done for you.

7. $\frac{2}{3}$ $\frac{4}{6}, \frac{6}{9}, \frac{8}{12}$

8. $\frac{3}{4}$ _____

9. $\frac{1}{6}$ _____