

LESSON
6-1

Ratios

Practice and Problem Solving: A/B

The number of animals at the zoo is shown in the table. Write each ratio in three different ways.

1. lions to elephants

2. giraffes to otters

3. lions to seals

4. seals to elephants

5. elephants to lions

| Animals in the Zoo | |
|--------------------|----|
| Elephants | 12 |
| Giraffes | 8 |
| Lions | 9 |
| Seals | 10 |
| Otters | 16 |

Write three equivalent ratios for the given ratio.

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

7. $\frac{12}{14}$ _____

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

Find three ratios equivalent to the ratio described in each situation.

9. The ratio of cats to dogs in a park is 3 to 4. _____

10. The ratio of rainy days to sunny days is $\frac{5}{7}$. _____

11. The ratio of protein to fiber in a granola bar is $\frac{9}{2}$. _____

12. The ratio of clown fish to angelfish at a pet store is 5:4. The ratio of angelfish to goldfish is 4:3. There are 60 clown fish at the pet store.

a. How many angelfish are there? _____

b. How many goldfish are there? _____