

Name: _____

Date: _____

Ratios and Proportions

Solve each problem. Show your work.

1. Leo and a friend share 56 stickers in the ratio 6 : 1. How many stickers are in the smaller share?

Answer: _____

2. An animal shelter has 40 animals. The ratio of cats to dogs is 3 : 5. How many are dogs?

Answer: _____

3. The ratio of girls to boys among the children on a team is 1 : 5. What fraction are girls?

Answer: _____

4. Priya and a friend share 40 stickers in the ratio 4 : 1. How many stickers are in the smaller share?

Answer: _____

5. A class has 42 students. The ratio of students who walk to school to students who ride the bus is 1 : 6. How many ride the bus?

Answer: _____

6. The ratio of red to blue among the marbles in a bag is 1 : 5. What fraction are red?

Answer: _____

7. Noah and a friend share 35 marbles in the ratio 6 : 1. How many marbles are in the larger share?

Answer: _____

8. An animal shelter has 30 animals. The ratio of cats to dogs is 3 : 2. How many are dogs?

Answer: _____

9. Leo and a friend share 135 marbles in the ratio 4 : 5. How many marbles are in the smaller share?

Answer: _____

10. The ratio of apples to oranges among the pieces of fruit in a basket is 5 : 3. What fraction are apples?

Answer: _____

Ratios and Proportions: Answer Key

1. 8 stickers

2. 25

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

4. 8 stickers

5. 36

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

7. 30 marbles

8. 12

9. 60 marbles

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