

Name: _____

Date: _____

Sharing in a ratio, part to whole

Solve each problem. Show your work.

1. The ratio of girls to boys among the children on a team is 3 : 4. What fraction are girls?

Answer: _____

2. Mia and a friend share 70 marbles in the ratio 3 : 2. How many marbles are in the smaller share?

Answer: _____

3. An animal shelter has 15 animals. The ratio of cats to dogs is 4 : 1. How many are dogs?

Answer: _____

4. The ratio of girls to boys among the children on a team is 4 : 3. What fraction are girls?

Answer: _____

5. Omar and a friend share \$49 in the ratio 6 : 1. How many dollars are in the larger share?

Answer: _____

6. A shelf has 30 books. The ratio of fiction books to nonfiction books is 3 : 2. How many are nonfiction?

Answer: _____

7. The ratio of apples to oranges among the pieces of fruit in a basket is 2 : 3. What fraction are apples?

Answer: _____

8. Ravi and a friend share \$40 in the ratio 3 : 1. How many dollars are in the larger share?

Answer: _____

9. A shelf has 35 books. The ratio of fiction books to nonfiction books is 3 : 4. How many are nonfiction?

Answer: _____

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

Answer: _____

Ratios and Proportions: Answer Key

1. $\frac{3}{7}$

2. 28 marbles

3. 3

4. $\frac{4}{7}$

5. \$42

6. 12

7. $\frac{2}{5}$

8. \$30

9. 20

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