

Name: _____

Date: _____

Sharing in a ratio, part to whole

Solve each problem. Show your work.

1. A shelf has 42 books. The ratio of fiction books to nonfiction books is 3 : 4. How many are nonfiction?

Answer: _____

2. The ratio of apples to oranges among the pieces of fruit in a basket is 1 : 5. What fraction are apples?

Answer: _____

3. Ava and a friend share 91 stickers in the ratio 3 : 4. How many stickers are in the larger share?

Answer: _____

4. A class has 35 students. The ratio of students who walk to school to students who ride the bus is 4 : 3. How many ride the bus?

Answer: _____

5. The ratio of red to blue among the marbles in a bag is 1 : 3. What fraction are red?

Answer: _____

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

Answer: _____

7. A class has 25 students. The ratio of students who walk to school to students who ride the bus is 2 : 3. How many ride the bus?

Answer: _____

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

Answer: _____

9. Kai and a friend share \$78 in the ratio 1 : 5. How many dollars are in the smaller share?

Answer: _____

10. A shelf has 40 books. The ratio of fiction books to nonfiction books is 5 : 3. How many are nonfiction?

Answer: _____

Ratios and Proportions: Answer Key

1. 24

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

3. 52 stickers

4. 15

5. $\frac{1}{4}$

6. 28 marbles

7. 15

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

9. \$13

10. 15