Solve each problem.

1) The ratio of red cars to blue cars in a parking lot was 5 : 1. If there were 10 red cars, how many blue cars were there?

1. _____

2. _____

2) A pet store sold 64 siamese cats. If the ratio of siamese cats to house cats sold was 8 : 7, what is the combined amount of cats sold?

3. _____

4. _____

3) For an art show, an artist painted 52 pictures. During the show he sold 12 of his pictures. What is the ratio of pictures he still has to pictures he sold?

5. _____

6. _____

4) At the carnival, the ratio of people who won the ring toss game to lost it was 10 : 1. If 20 people won, how many people would have lost?

7. _____

8. _____

5) While completing a race, John spent 72 minutes walking. If his ratio of time walking to jogging was 9 : 2, how many minutes did he spend completing the race?

9. _____

10. _____

6) At a carnival Oliver bought 15 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

7) During a class election 63 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 9 : 8, how many votes did candidate B receive?

8) During a class election the ratio of students who voted for candidate A compared to candidate B was 2 : 1. If candidate A received 16 votes, what is the combined amount of votes candidate A and candidate B received?

9) At a bake sale there were 102 items sold total. If 42 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

10) During Christmas a book store sold 56 books. If the ratio of books to bookmarks sold was 7 : 6, how many bookmarks did the store sell?

Math

Understanding Ratios — Answer Key

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Answers

1. 2
2. 120
3. 10 : 3
4. 2
5. 88
6. 3 : 2
7. 56
8. 24
9. 10 : 7
10. 48

Math www.CommonCoreSheets.com

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Solve each problem.

10 : 3	56	3 : 2	10 : 7	88
120	2	48	2	24

1. _____

2. _____

3. _____

4. _____

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