

**Solve each problem.****Answers**

- 1) During Christmas a book store sold 72 books. If the ratio of books to bookmarks sold was 9 : 2, how many bookmarks did the store sell?
- 2) A fast food restaurant sold 35 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 7 : 3, how many burgers did they sell total?
- 3) Adam had 91 dollars. If he spent 21 dollars on new books, what is the ratio of money he still has to money he's spent?
- 4) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 42 sugar cones sold, how many waffles cones would be sold?
- 5) During a class election the ratio of students who voted for candidate A compared to candidate B was 2 : 1. If candidate A received 14 votes, what is the combined amount of votes candidate A and candidate B received?
- 6) For an art show, an artist painted 153 pictures. During the show he sold 72 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 7) At summer camp the ratio of boys to girls was 5 : 4. If there were 40 boys, how many girls were there?
- 8) While completing a race, Ned spent 63 minutes walking. If his ratio of time walking to jogging was 9 : 1, how many minutes did he spend completing the race?
- 9) Dave spent 21 minutes completing a race. He walked 9 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?
- 10) Henry was playing checkers with a friend. The ratio of games Henry won was 9 : 4. If Henry won 36 games, how many games did his friend win?

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**Answers**

1. 16
2. 50
3. 10 : 3
4. 35
5. 21
6. 9 : 8
7. 32
8. 70
9. 4 : 3
10. 16



Solve each problem.

**Answers**

70

10 : 3

35

50

21

1. \_\_\_\_\_

4 : 3

16

9 : 8

32

16

2. \_\_\_\_\_

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