Solve each problem.

1) During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?

2) A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?

3) A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels left to the levels that have been beaten?

4) In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action movies rented was 9 : 2, how many action movies were rented?

5) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?

6) At a carnival Kaleb bought 22 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) At the carnival, the ratio of people who won the ring toss game to lost it was 5 : 3. If 20 people won, how many people would have lost?

8) Edward was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 7 : 2, if he won 42 games, how many games did they play total?

9) For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

10) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

Name: **Answer Key**

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Answers

1. **9**
2. **24**
3. **9 : 4**
4. **10**
5. **10**
6. **8 : 3**
7. **12**
8. **54**
9. **3 : 1**
10. **25**

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

Understanding Ratios

Name:

Solve each problem.

3 : 1	25	10	12	8 : 3
9	10	54	24	9 : 4

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Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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