Solve each problem.

1) At the carnival, the ratio of people who won the ring toss game to lost it was 9 : 4. If 63 people won, how many people would have lost?

1. _____

2. _____

2) A cafeteria sold 42 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 7 : 3, what is the combined amount of chocolate and regular milk sold?

3. _____

4. _____

3) At a bake sale there were 91 items sold total. If 21 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

5. _____

6. _____

4) At a pet store the ratio of cats to dogs sold was 6 : 1. If there were 24 cats that were sold, how many dogs were sold?

7. _____

8. _____

5) A teacher had 21 red pens. If the ratio of red pens to blue pens she owned was 7 : 4, how many pens did she have total?

9. _____

10. _____

6) Dave spent 136 minutes completing a race. He walked 64 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?

7) During the lunch break a deli sold 60 large sodas. If the ratio of large sodas sold to small sodas sold was 10 : 1, how many small sodas were sold?

8) At a bake sale there were 40 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 1, what is the combined amount of raisin and oatmeal cookies sold?

9) A student bought 36 pencils for school. If he sharpened 15 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

10) The ratio of red cars to blue cars in a parking lot was 6 : 5. If there were 42 red cars, how many blue cars were there?

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

Solve each problem.

Answers

1) At the carnival, the ratio of people who won the ring toss game to lost it was 9 : 4. If 63 people won, how many people would have lost?

1. **28**

2) A cafeteria sold 42 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 7 : 3, what is the combined amount of chocolate and regular milk sold?

2. **60**

3. **10 : 3**

3) At a bake sale there were 91 items sold total. If 21 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?

4. **4**

5. **33**

6. **9 : 8**

4) At a pet store the ratio of cats to dogs sold was 6 : 1. If there were 24 cats that were sold, how many dogs were sold?

7. **6**

8. **45**

5) A teacher had 21 red pens. If the ratio of red pens to blue pens she owned was 7 : 4, how many pens did she have total?

9. **7 : 5**

10. **35**

6) Dave spent 136 minutes completing a race. He walked 64 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?

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

Math

Solve each problem.

10 : 3	4	35	33	28
7 : 5	9 : 8	6	45	60

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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