Name:

Solve each problem.

1) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?

1. _____

2. _____

2) A cafeteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?

3. _____

4. _____

3) A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?

5. _____

6. _____

4) At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?

7. _____

8. _____

5) At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?

9. _____

10. _____

6) For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

7) At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?

8) A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?

9) At a carnival Paul bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?

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	Answers

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Answers

1. **4**
2. **128**
3. **7 : 4**
4. **20**
5. **102**
6. **5 : 3**
7. **18**
8. **36**
9. **9 : 1**
10. **21**

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

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20	102	36	18	128
5 : 3	21	4	9 : 1	7 : 4

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