

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

- 1) At the carnival, the ratio of people who won the ring toss game to lost it was 4 : 3. If 24 people won, how many people would have lost?
- 2) During a class election the ratio of students who voted for candidate A compared to candidate B was 7 : 6. If candidate A received 56 votes, what is the combined amount of votes candidate A and candidate B received?
- 3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 4) At summer camp the ratio of boys to girls was 9 : 2. If there were 27 boys, how many girls were there?
- 5) At a bake sale there were 49 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 7 : 3, what is the combined amount of raisin and oatmeal cookies sold?
- 6) At a carnival Dave bought 45 tickets. If he used 18 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 10 : 1. If the buffet uses 30 cases of ranch dressing, how many cases of caesar do they use?
- 8) Mike had beaten 48 levels in a video game. If the ratio of levels he had beaten to not beaten was 8 : 1, how many levels does the game have total?
- 9) On a Saturday, a library checked out 52 books. If 12 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 10) During the lunch break a deli sold 56 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 1, how many small sodas were sold?

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

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| 1) At the carnival, the ratio of people who won the ring toss game to lost it was 4 : 3. If 24 people won, how many people would have lost? | 1. 18 |
| 2) During a class election the ratio of students who voted for candidate A compared to candidate B was 7 : 6. If candidate A received 56 votes, what is the combined amount of votes candidate A and candidate B received? | 2. 104 |
| 3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished? | 3. 5 : 3 |
| 4) At summer camp the ratio of boys to girls was 9 : 2. If there were 27 boys, how many girls were there? | 4. 6 |
| 5) At a bake sale there were 49 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 7 : 3, what is the combined amount of raisin and oatmeal cookies sold? | 5. 70 |
| 6) At a carnival Dave bought 45 tickets. If he used 18 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used? | 6. 3 : 2 |
| 7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 10 : 1. If the buffet uses 30 cases of ranch dressing, how many cases of caesar do they use? | 7. 3 |
| 8) Mike had beaten 48 levels in a video game. If the ratio of levels he had beaten to not beaten was 8 : 1, how many levels does the game have total? | 8. 54 |
| 9) On a Saturday, a library checked out 52 books. If 12 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out? | 9. 10 : 3 |
| 10) During the lunch break a deli sold 56 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 1, how many small sodas were sold? | 10. 8 |



Solve each problem.

Answers

8	104	5 : 3	54	70
3	10 : 3	18	6	3 : 2

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