

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

- 1) At the carnival, the ratio of people who won the ring toss game to lost it was $7 : 3$. If 49 people won, how many people would have lost?
- 2) At a book fair there were 24 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was $4 : 1$, how many books were sold total?
- 3) A produce store offers red and green apples. In one morning they sold 15 apples total. If 5 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 4) During the lunch break a deli sold 45 large sodas. If the ratio of large sodas sold to small sodas sold was $9 : 5$, how many small sodas were sold?
- 5) A chess player won 12 of the games he played. If his ratio of wins to loses was $6 : 1$, how many games did he play total?
- 6) On a Saturday, a library checked out 66 books. If 18 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 7) In one day a movie store rented out 12 comedies. If the ratio of comedies rented to action movies rented was $3 : 2$, how many action movies were rented?
- 8) A restaurant sold 35 beef burritos in a day. If the ratio of beef burritos sold to bean burritos sold was $7 : 4$, how many burritos did they sell total?
- 9) A small school has 85 students. If 40 of the students are boys, what is the ratio of girls to boys?
- 10) A vendor sold 32 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was $8 : 7$, how many hamburgers did the vendor sell?

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Answers

1. 21
2. 30
3. 2 : 1
4. 25
5. 14
6. 8 : 3
7. 8
8. 55
9. 9 : 8
10. 28



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8	21	28	8 : 3	14
25	2 : 1	30	55	9 : 8

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