

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

- 1) During the lunch break a deli sold 14 large sodas. If the ratio of large sodas sold to small sodas sold was  $7 : 2$ , how many small sodas were sold?
- 2) A produce store sold 54 red apples. If the ratio of red apples to green apples sold was  $9 : 1$ , what is the combined amount of red and green apples sold?
- 3) For an art show, an artist painted 88 pictures. During the show he sold 32 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 4) During a race Gwen jogged for 72 minutes. If the ratio of time she jogged to time she walked was  $8 : 3$ , how many minutes did Gwen walk?
- 5) A chess player won 64 of the games he played. If his ratio of wins to loses was  $8 : 1$ , how many games did he play total?
- 6) On a Saturday, a library checked out 32 books. If 4 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 7) During Christmas a book store sold 24 books. If the ratio of books to bookmarks sold was  $4 : 3$ , how many bookmarks did the store sell?
- 8) At a book fair there were 72 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was  $9 : 7$ , how many books were sold total?
- 9) A parking lot has 24 spaces total. If 6 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?
- 10) At a farm the ratio of cows to horses was  $6 : 1$ . If there were 36 cows at the farm, how many horses were there?

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**Answers**

1. 4
2. 60
3. 7 : 4
4. 27
5. 72
6. 7 : 1
7. 18
8. 128
9. 3 : 1
10. 6



Solve each problem.

**Answers**

128

3 : 1

6

7 : 1

27

7 : 4

18

72

4

60

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