

**Solve each problem.**

- 1) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 9 : 2. If the buffet uses 18 cases of ranch dressing, how many cases of caesar do they use?
  
- 2) A teacher had 63 red pens. If the ratio of red pens to blue pens she owned was 9 : 8, how many pens did she have total?
  
- 3) On a Saturday, a library checked out 26 books. If 6 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
  
- 4) During a class election 35 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 7 : 3, how many votes did candidate B receive?
  
- 5) While completing a race, Oliver spent 14 minutes walking. If his ratio of time walking to jogging was 7 : 5, how many minutes did he spend completing the race?
  
- 6) Paul had 99 songs on his MP3 player. If he deleted 45 songs, what is the ratio of songs he kept to songs he deleted?
  
- 7) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 5 : 3. If there are 35 sugar cones sold, how many waffles cones would be sold?
  
- 8) Mike was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 3 : 2, if he won 9 games, how many games did they play total?
  
- 9) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 20 fries total. If 4 of the fries sold were small, what is the ratio of large fries sold to small fries sold?
  
- 10) At a farm the ratio of cows to horses was 2 : 1. If there were 14 cows at the farm, how many horses were there?

**Answers**

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**Answers**1. **4**2. **119**3. **10 : 3**4. **15**5. **24**6. **6 : 5**7. **21**8. **15**9. **4 : 1**10. **7**



## Understanding Ratios

Name: \_\_\_\_\_

Solve each problem.

15

4

6 : 5

119

24

10 : 3

21

4 : 1

15

7

## Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

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