

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

- 1) During a class election 20 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 5 : 3, how many votes did candidate B receive?
- 2) During a class election the ratio of students who voted for candidate A compared to candidate B was 7 : 4. If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?
- 3) At a bake sale there were 99 items sold total. If 18 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?
- 4) In one day a movie store rented out 27 comedies. If the ratio of comedies rented to action movies rented was 9 : 5, how many action movies were rented?
- 5) John deleted 45 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 2, how many songs did he originally have on his MP3 player?
- 6) A chess player played 27 games total. If he won 9 of the games, what is the ratio of games he lost to games he won?
- 7) The ratio of red cars to blue cars in a parking lot was 5 : 4. If there were 20 red cars, how many blue cars were there?
- 8) A farm had 64 cows. If the ratio of cows to horses was 8 : 5, what is the combined amount of cows and horses?
- 9) At a carnival Edward bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 10) At summer camp the ratio of boys to girls was 4 : 3. If there were 36 boys, how many girls were there?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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1. **12**
2. **99**
3. **9 : 2**
4. **15**
5. **63**
6. **2 : 1**
7. **16**
8. **104**
9. **4 : 1**
10. **27**



Solve each problem.

Answers

15

2 : 1

9 : 2

104

16

99

12

27

63

4 : 1

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