

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

- 1) At a farm the ratio of cows to horses was  $10 : 3$ . If there were 60 cows at the farm, how many horses were there?
- 2) A chess player won 63 of the games he played. If his ratio of wins to loses was  $9 : 2$ , how many games did he play total?
- 3) During a class election 28 people voted for candidate A. If there were 64 votes total, what is the ratio of votes for candidate B compared to candidate A?
- 4) During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small sodas sold was  $7 : 6$ , how many small sodas were sold?
- 5) At a bake sale there were 10 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was  $5 : 4$ , what is the combined amount of raisin and oatmeal cookies sold?
- 6) A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to boys?
- 7) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is  $5 : 3$ . If the buffet uses 45 cases of ranch dressing, how many cases of caesar do they use?
- 8) A farm had 81 cows. If the ratio of cows to horses was  $9 : 8$ , what is the combined amount of cows and horses?
- 9) John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he kept to songs he deleted?
- 10) During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was  $4 : 1$ , how many bookmarks did the store sell?

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**Answers**

1. 18
2. 77
3. 9 : 7
4. 18
5. 18
6. 7 : 4
7. 27
8. 153
9. 9 : 4
10. 8



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7 : 4	9 : 7	18	8	9 : 4
18	153	27	18	77

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