Name:

Solve each problem.

1) A vendor sold 54 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 9 : 7, how many hamburgers did the vendor sell?

1. _____

2. _____

2) A cafeteria sold 40 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 8 : 7, what is the combined amount of chocolate and regular milk sold?

3. _____

4. _____

3) A box of candy has 40 pieces total. If 4 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

5. _____

6. _____

4) During Christmas a book store sold 35 books. If the ratio of books to bookmarks sold was 7 : 2, how many bookmarks did the store sell?

7. _____

8. _____

5) Frank deleted 20 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 10 : 1, how many songs did he originally have on his MP3 player?

9. _____

10. _____

6) Dave had 24 dollars. If he spent 9 dollars on new books, what is the ratio of money he still has to money he's spent?

7) At a farm the ratio of cows to horses was 7 : 6. If there were 35 cows at the farm, how many horses were there?

8) A chess player won 63 of the games he played. If his ratio of wins to loses was 7 : 3, how many games did he play total?

9) During a class election 9 people voted for candidate A. If there were 63 votes total, what is the ratio of votes for candidate B compared to candidate A?

10) A recipe called for the ratio of sugar to flour to be 6 : 5. If you used 30 ounce of sugar, how many ounces of flour would you need to use?

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#	Answer
1.	**42**
2.	**75**
3.	**9 : 1**
4.	**10**
5.	**22**
6.	**5 : 3**
7.	**30**
8.	**90**
9.	**6 : 1**
10.	**25**

Understanding Ratios

Name: _____

Solve each problem.

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