Name:

Solve each problem.

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?

1. _____

2. _____

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. _____

4. _____

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?

5. _____

6. _____

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?

7. _____

8. _____

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?

9. _____

10. _____

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) Edward 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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1. **18**

2. **77**

3. **9 : 7**

4. **18**

5. **18**

6. **7 : 4**

7. **27**

8. **153**

9. **9 : 4**

10. **8**

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Math

Understanding Ratios

Name:

Solve each problem.

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