

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

- 1) The ratio of shoes sold to sandals sold was  $10 : 7$ . If there were 50 shoes sold, how many sandals were sold?
- 2) A student finished 14 of her homework problems in class. If the ratio of problems she finished to problems she still had left was  $7 : 1$ , how many homework problems did she have total?
- 3) A box of candy has 54 pieces total. If 9 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?
- 4) At a farm the ratio of cows to horses was  $8 : 1$ . If there were 72 cows at the farm, how many horses were there?
- 5) A parking lot has 8 empty space. If the ratio of empty spaces to taken spaces is  $2 : 1$ , how many spaces are there total?
- 6) A video game had 36 levels in it. If you beat 9 of the levels, what is the ratio of levels left to the levels that have been beaten?
- 7) At a pet store the ratio of cats to dogs sold was  $7 : 2$ . If there were 49 cats that were sold, how many dogs were sold?
- 8) A farm had 8 cows. If the ratio of cows to horses was  $4 : 3$ , what is the combined amount of cows and horses?
- 9) A cafeteria offered two types of milk, regular or chocolate. If they sold 25 cartons total and 5 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?
- 10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is  $9 : 1$ . If the buffet uses 36 cases of ranch dressing, how many cases of caesar do they use?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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

- |                                                                                                                                                                                                       |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1) The ratio of shoes sold to sandals sold was 10 : 7. If there were 50 shoes sold, how many sandals were sold?                                                                                       | 1. <b>35</b>    |
| 2) A student finished 14 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 7 : 1, how many homework problems did she have total?            | 2. <b>16</b>    |
| 3) A box of candy has 54 pieces total. If 9 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?                                                          | 3. <b>5 : 1</b> |
| 4) At a farm the ratio of cows to horses was 8 : 1. If there were 72 cows at the farm, how many horses were there?                                                                                    | 4. <b>9</b>     |
| 5) A parking lot has 8 empty space. If the ratio of empty spaces to taken spaces is 2 : 1, how many spaces are there total?                                                                           | 5. <b>12</b>    |
| 6) A video game had 36 levels in it. If you beat 9 of the levels, what is the ratio of levels left to the levels that have been beaten?                                                               | 6. <b>3 : 1</b> |
| 7) At a pet store the ratio of cats to dogs sold was 7 : 2. If there were 49 cats that were sold, how many dogs were sold?                                                                            | 7. <b>14</b>    |
| 8) A farm had 8 cows. If the ratio of cows to horses was 4 : 3, what is the combined amount of cows and horses?                                                                                       | 8. <b>14</b>    |
| 9) A cafeteria offered two types of milk, regular or chocolate. If they sold 25 cartons total and 5 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?       | 9. <b>4 : 1</b> |
| 10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 9 : 1. If the buffet uses 36 cases of ranch dressing, how many cases of caesar do they use? | 10. <b>4</b>    |



Solve each problem.

**Answers**

4 : 1	12	5 : 1	9	14
16	35	3 : 1	4	14

1) The ratio of shoes sold to sandals sold was 10 : 7. If there were 50 shoes sold, how many sandals were sold?

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

2) A student finished 14 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 7 : 1, how many homework problems did she have total?

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

3) A box of candy has 54 pieces total. If 9 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?

3. \_\_\_\_\_

4) At a farm the ratio of cows to horses was 8 : 1. If there were 72 cows at the farm, how many horses were there?

4. \_\_\_\_\_

5) A parking lot has 8 empty space. If the ratio of empty spaces to taken spaces is 2 : 1, how many spaces are there total?

5. \_\_\_\_\_

6) A video game had 36 levels in it. If you beat 9 of the levels, what is the ratio of levels left to the levels that have been beaten?

6. \_\_\_\_\_

7) At a pet store the ratio of cats to dogs sold was 7 : 2. If there were 49 cats that were sold, how many dogs were sold?

7. \_\_\_\_\_

8) A farm had 8 cows. If the ratio of cows to horses was 4 : 3, what is the combined amount of cows and horses?

8. \_\_\_\_\_

9) A cafeteria offered two types of milk, regular or chocolate. If they sold 25 cartons total and 5 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?

9. \_\_\_\_\_

10) A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 9 : 1. If the buffet uses 36 cases of ranch dressing, how many cases of caesar do they use?

10. \_\_\_\_\_