

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

- 1) A classroom had 35 glue sticks. If the ratio of glue sticks to glue bottles was 5 : 2, how many glue bottles did the classroom have?
- 2) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?
- 3) On a Saturday, a library checked out 52 books. If 24 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 4) A recipe called for the ratio of sugar to flour to be 10 : 3. If you used 70 ounce of sugar, how many ounces of flour would you need to use?
- 5) At a bake sale there were 72 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 1, what is the combined amount of raisin and oatmeal cookies sold?
- 6) Kaleb had 136 songs on his MP3 player. If he deleted 56 songs, what is the ratio of songs he kept to songs he deleted?
- 7) The ratio of red cars to blue cars in a parking lot was 5 : 3. If there were 40 red cars, how many blue cars were there?
- 8) A produce store sold 63 red apples. If the ratio of red apples to green apples sold was 7 : 2, what is the combined amount of red and green apples sold?
- 9) For homework, a student had to complete 15 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 10) At a farm the ratio of cows to horses was 9 : 2. If there were 72 cows at the farm, how many horses were there?

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

**Solve each problem.**

- 1) A classroom had 35 glue sticks. If the ratio of glue sticks to glue bottles was  $5 : 2$ , how many glue bottles did the classroom have?
- 2) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was  $4 : 1$ , how many homework problems did she have total?
- 3) On a Saturday, a library checked out 52 books. If 24 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 4) A recipe called for the ratio of sugar to flour to be  $10 : 3$ . If you used 70 ounce of sugar, how many ounces of flour would you need to use?
- 5) At a bake sale there were 72 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was  $9 : 1$ , what is the combined amount of raisin and oatmeal cookies sold?
- 6) Kaleb had 136 songs on his MP3 player. If he deleted 56 songs, what is the ratio of songs he kept to songs he deleted?
- 7) The ratio of red cars to blue cars in a parking lot was  $5 : 3$ . If there were 40 red cars, how many blue cars were there?
- 8) A produce store sold 63 red apples. If the ratio of red apples to green apples sold was  $7 : 2$ , what is the combined amount of red and green apples sold?
- 9) For homework, a student had to complete 15 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 10) At a farm the ratio of cows to horses was  $9 : 2$ . If there were 72 cows at the farm, how many horses were there?

**Answers**

1. 14
2. 10
3. 7 : 6
4. 21
5. 80
6. 10 : 7
7. 24
8. 81
9. 3 : 2
10. 16



Solve each problem.

**Answers**

16

21

10 : 7

24

3 : 2

14

7 : 6

81

10

80

- 1) A classroom had 35 glue sticks. If the ratio of glue sticks to glue bottles was 5 : 2, how many glue bottles did the classroom have?
- 2) A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?
- 3) On a Saturday, a library checked out 52 books. If 24 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 4) A recipe called for the ratio of sugar to flour to be 10 : 3. If you used 70 ounce of sugar, how many ounces of flour would you need to use?
- 5) At a bake sale there were 72 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 1, what is the combined amount of raisin and oatmeal cookies sold?
- 6) Kaleb had 136 songs on his MP3 player. If he deleted 56 songs, what is the ratio of songs he kept to songs he deleted?
- 7) The ratio of red cars to blue cars in a parking lot was 5 : 3. If there were 40 red cars, how many blue cars were there?
- 8) A produce store sold 63 red apples. If the ratio of red apples to green apples sold was 7 : 2, what is the combined amount of red and green apples sold?
- 9) For homework, a student had to complete 15 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 10) At a farm the ratio of cows to horses was 9 : 2. If there were 72 cows at the farm, how many horses were there?

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