



## Understanding Ratios

Name: \_\_\_\_\_

Solve each problem.

- 1) A classroom had 18 glue sticks. If the ratio of glue sticks to glue bottles was 3 : 1, how many glue bottles did the classroom have?
  
- 2) At a book fair there were 27 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was 9 : 8, how many books were sold total?
  
- 3) At a bake sale there were 35 items sold total. If 10 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?
  
- 4) At a farm the ratio of cows to horses was 5 : 1. If there were 35 cows at the farm, how many horses were there?
  
- 5) A restaurant sold 42 beef burritos in a day. If the ratio of beef burritos sold to bean burritos sold was 7 : 4, how many burritos did they sell total?
  
- 6) A small school has 10 students. If 2 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 2 : 1. If the buffet uses 8 cases of ranch dressing, how many cases of caesar do they use?
  
- 8) A small school has 45 boys. If the ratio of boys to girls is 9 : 1, how many, students are there total?
  
- 9) A produce store offers red and green apples. In one morning they sold 135 apples total. If 63 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
  
- 10) During Christmas a book store sold 18 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?

## Answers

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**Answers**1. **6**2. **51**3. **5 : 2**4. **7**5. **66**6. **4 : 1**7. **4**8. **50**9. **8 : 7**10. **3**



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Name: \_\_\_\_\_

Solve each problem.

51

50

66

8 : 7

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5 : 2

4 : 1

6

3

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