

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

## Ratios III

*Find the missing value, given a ratio and a total.*

1. The ratio of doctors to patients is 3 to 20. The total number of patients is 220. How many doctors are there?
2. The ratio of people with access to clean water in Ethiopia to total number of people in Ethiopia is 14 to 100. In a certain area of Ethiopia there are 4,000 people. How many of these have access to clean water?
3. The ratio of number of people with dark hair to total number of people in the world is 5 to 6. If there are 6 billion people in the world, how many have dark hair?
4. The ratio of the number of peanuts to the total number of nuts in a can of mixed nuts is 4 to 7. If there are 52 peanuts in a can, how many nuts are there all together?
5. The ratio of passing grades to total grades is 7 to 10. The total number of grades is 40. How many are passing grades?

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6. The ratio of doctors to patients is 3 to 235. If there are 21 doctors, how many patients are there all together?
  
  
  
  
  
  
  
  
  
  
7. The ratio of children to books at the library is 4 to 63. If there are 24 children, how many books are there?
  
  
  
  
  
  
  
  
  
  
8. The ratio of number of people in a certain region of Africa without AIDS to total number of people is 3 to 5. If there are 165,000 people in this region, how many do not have AIDS? How many do have AIDS?
  
  
  
  
  
  
  
  
  
  
9. In a bag of jellybeans the ratio of pink jellybeans to the total amount of jellybeans is 5 to 29. If there are 30 pink jellybeans in a certain bag, how many jellybeans are there all together?
  
  
  
  
  
  
  
  
  
  
10. The ratio of passing grades to total grades is 7 to 11. Total number of passing grades is 35. How many grades all together?