Name:_____ Date:_____

Ratios II

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

1. The ratio of doctors to patients is 1 to 20. The total number of patients is 260. How many doctors are there?

2. The ratio of passing grades to total grades is 6 to 9. The total number of grades is 36. How many are passing grades?

3. The ratio of homes with a TV to total number of homes is 97 to 100. The total number of homes is 300. How many homes with a TV are there?

4. The ratio of people with access to clean water in Ethiopia to total number of people in Ethiopia is 7 to 50. In a certain area of Ethiopia there are 2,500 people. How many of these have access to clean water?

5. The ratio of total number of Chinese people to total number of people in the world is 1 to 6. If there are 6 billion people in the world, how many are Chinese?

6.   The ratio of doctors to patients is 1 to 82. If there are 10 doctors, how many patients are there all together?

7.   The ratio of children to books at the library is 2 to 35. 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 4. If there are 34,000 people in this region, how many do not have AIDS? How many do have AIDS?

9.   The ratio of number of forks at a fancy restaurant to total pieces of silverware is 3 to 7. If there are 24 forks at a table, how many pieces of silverware are there all together at the table?

10. The ratio of passing grades to total grades is 6 to 10. Total number of passing grades is 24. How many grades all together?