

Name: _____ **Date:** _____

Proportions Review

1. The ratio of doctors to patients is 3 to 83. The total number of doctors is 36. How many patients are there?
2. The ratio of passing grades to total grades is 15 to 20. The total number of grades is 40. How many are passing grades?
3. The ratio of homes with a TV to total number of homes is 199 to 200. The total number of homes is 15,000. 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 21 to 200. In a certain area of Ethiopia there are 6,000 people. How many of these have access to clean water?
5. The ratio of oil to gas in a gas mixture is 1 to 32. There is 1 gallon (128 oz.) of gas. How many ounces of oil are there?

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6. The ratio of doctors to patients is 4 to 105. If there are 48 doctors, how many patients are there all together?

7. The ratio of children to books at the library is 5 to 263. If there are 3,419 books, how many children use the library?

8. The ratio of number of people in a certain region of Africa with AIDS to total number of people is 7 to 9. If there are 2,732,400 people in this region, how many have AIDS? How many do not have AIDS?

9. The ratio of people using solar, wind, or hydro power to total population of a certain area is 5 to 66. If there are 1,320 people in the region, how many use solar, wind, or hydro power?

10. The ratio of monkeys at the zoo to total animals is 3 to 54. If there are 42 monkeys, how many animals are there at the zoo in total?