

## Quiz 2 on Fractions

1) Describe a fraction in the space provided. _____			
2) Write a fraction describing one player on a ten-player basketball team. _____			
3) Write a fraction describing the five starting players on a ten-player basketball team. _____			
4) Write each fraction as an equivalent fraction with the given denominator.			
A) $\frac{1}{3} = \frac{\quad}{15}$	B) $\frac{3}{5} = \frac{\quad}{100}$		
5) Write $\frac{8}{2}$ as a whole number.	6) Write $\frac{17}{5}$ as a mixed number.		
7) Arrange the following fractions in ascending (increasing) order. Hint: Change each fraction so that all have the same denominator.			
$\frac{1}{5}$ _____	$\frac{1}{20}$ _____	$\frac{1}{4}$ _____	$\frac{1}{25}$ _____
8) Which fraction equals $4\frac{2}{7}$ ? A) $\frac{13}{7}$ C) $\frac{7}{30}$ B) $\frac{7}{13}$ D) $\frac{30}{7}$ Answer _____	9) $\frac{2}{5} + \frac{1}{5} =$	10) $\frac{6}{11} + \frac{4}{11} - \frac{2}{11} =$	
11) $\frac{2}{3} + \frac{4}{3} =$	12) $\frac{2}{3} + \frac{1}{6} =$	13) $\frac{7}{8} - \frac{3}{4} =$	

14)  $\frac{1}{5} \times \frac{1}{5} =$

15)  $\frac{3}{7} \times \frac{7}{15} =$

16)  $\frac{9}{10} \div \frac{3}{5} =$

17)  $\frac{6}{6} \div \frac{1}{3} =$

18)  $6\frac{2}{5} + 2\frac{1}{5} =$

19)  $4\frac{1}{3} + 2\frac{1}{2} =$

20)  $5\frac{3}{4} - 3\frac{7}{8} =$

21)  $6 - 2\frac{3}{4} =$

22)  $(2\frac{1}{4})(1\frac{1}{2}) =$

23)  $4\frac{1}{2} \div 1\frac{1}{8} =$

24)  $2\frac{1}{2} + (1\frac{1}{3} \times \frac{3}{4}) =$

**Hint:** Remember that operations within parentheses are done first (Unit 5).

25) Find the total weight of packages weighing  $5\frac{1}{2}$  pounds,  $9\frac{2}{3}$  pounds, and  $7\frac{3}{4}$  pounds.

26) Joan spends one-fourth of her  $6\frac{2}{3}$  hours of study time on history. How many hours does she study history?

27) How many  $2\frac{3}{4}$  foot bookshelves can be made from a 10-foot board?

28) A well-done roast beef should cook for  $\frac{1}{3}$  of an hour per pound. How long should a  $5\frac{1}{2}$  pound roast cook if it is to be well-done?

See page 219 for the complete solutions to these quiz problems.



You have now completed 2 of the 7 parts of **Quick Notes**. Fred has been looking ahead. He thinks the many different types of problems you will study may become confusing. To help you retain your skills, we have written 6 cumulative reviews. They are only 2 pages long and will help you do well on the end of book test.



**Note:** Cumulative review problem numbers match their learning unit number. For example, to learn how to do problem 5, look at Learning Unit 5.