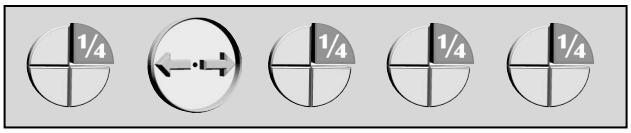
Name: _____

Date: _____ Grade: _____

SECTION QUIZ 2-2



Remember:
Score an 85% or higher on all three quizzes and you may be exempt from the chapter test!



Congratulations! You have completed this section!
Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 1.67 points.

1. Mathematics is a _____ science.

2. Practicing proper procedures is very important in the study of _____.

3. A fraction combined with a whole number is called a _____.

4. To subtract fractions the _____ must be the same.

5. The subtraction of fractions with like denominators is accomplished by _____ the numerators.

6. $^{9}/_{10} - {}^{2}/_{10} =$ _____

7. The addition of fractions with like denominators is accomplished by _____ the numerators.

8. $^{9}/_{15} + {}^{4}/_{15} =$ _____

9. If two fractions are _____ , then they have the same value.

10. In a proper fraction the numerator is _____ than the denominator.

11. Improper fractions are sometimes changed into a whole number combined with a _____.

12. The proper form of $^{7}/_{5}$ is _____.

13. All final answers containing fractions must be written as _____.

14. Add the following. Show your work. Remember to write answers in the proper form.
$^{8}/_{13} + 2^{2}/_{13} + 1^{4}/_{13} =$ _____

Subtract the following. Show your work. Remember to write answers in the proper form. (15-16)

15. $7^{4}/_{25} - 3^{7}/_{25} =$ _____

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SECTION QUIZ 2-2

16. $2\frac{1}{2} - 2\frac{1}{2} =$ _____

Determine if the following fractions are terminating or repeating. Write T for terminating or R for repeating on the blank provided (17-20).

17. .56 _____

18. $.\overline{8}$ _____

19. $\frac{3}{9}$ _____

20. $\frac{4}{5}$ _____

21. The multiplicative inverse of a number is called the _____ of that number.

22. _____ means to turn over or flip.

23. To _____ means to "divide out" factors in a fraction.

24. The process of splitting a number into all its various factors is called _____.

25. $\frac{1}{2} \times \frac{1}{3} \times \frac{1}{2} =$ _____

26. $\frac{8}{32} =$ _____ (reduced or simplified form)

27. Many times the division of the common factors is referred to as _____.

Multiply the following fractions together. Show your work. Reduce answers to simplest form.

28. $\frac{4}{3} \times \frac{2}{3} =$ _____

29. $\frac{1}{3} \times \frac{1}{6} \times \frac{2}{5} \times \frac{1}{2} =$ _____

30. The same operation performed on the denominator, _____ be performed on the numerator.

31. Before two fractions can be added or subtracted the _____ must be the same or equal.

32. Sometimes to perform the operations of addition or subtraction on fractions you must find a _____.

33. You must multiply the numerator and denominator by the _____ number to maintain the value of the origin fraction.

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SECTION QUIZ 2-2

34. The _____ is the smallest number that contains as factors the denominators of two fractions.

35. Sally needed $3\frac{1}{4}$ cups of milk to bake a cake. She also needed $1\frac{1}{3}$ cups of milk for the icing. How many total cups of milk does Sally need to complete her cake?

Work the following problems. Reduce answers to lowest terms (36-37).

36. $2\frac{2}{15} + 1\frac{1}{30} =$

37. $1\frac{3}{8} - 1\frac{5}{16} =$

38. The reciprocal of 9 is _____.

39. One-fourth is the reciprocal of _____.

40. To divide fractions you must _____ the number to the right of the division symbol and multiply.

Divide the following fractions. Show your work. Reduce answers to simplest form.

41. $\frac{3}{7} \div \frac{2}{5} =$

42. $1\frac{1}{3} \div \frac{4}{5} =$ (Hint: you must change the mixed number to an improper fraction before you begin the calculations.)

43. $2\frac{4}{5} \div 1\frac{2}{5} =$

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SECTION QUIZ 2-2

Match the following Life Principles.

44. _____ *"Clean never rubs off on dirty,*	(a) *United We Stand."*
45. _____ *"Working toward a common goal*	(b) *and punish evil among the people served."*
46. _____ *"In God we trust.*	(c) *but dirty always rubs off on clean."*
47. _____ *"The role of government is to do good*	(d) *that we never learn from experience."*
48. _____ *"We learn from experience (history)*	(e) *brings people together."*

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