Name_____ Date_____

Pope John Paul II RCES
6th Grade Summer Work

Write the following fractions in simplest form. #1-4

$\frac{7}{21} =$ $\frac{14}{35} =$ $\frac{12}{24} =$ $\frac{10}{18} =$

Adding & Subtracting Fractions. Show work and remember you need common denominators.

5. $\frac{1}{2} + \frac{1}{3} =$ **6.** $\frac{3}{5} + \frac{1}{5} =$ **7.** $\frac{1}{8} + \frac{5}{6} =$

8. $\frac{3}{4} - \frac{5}{8} =$ **9.** $\frac{5}{6} - \frac{1}{2} =$ **10.** $\frac{7}{10} - \frac{1}{5} =$

Adding & Subtracting Mixed Numbers

11. $6\frac{2}{9} + 3\frac{2}{9} =$ 12. $1\frac{5}{6} + 2\frac{1}{3} =$ 13. $3\frac{7}{8} + 3\frac{1}{2} =$

14. $6\frac{4}{9} - 4\frac{1}{9} =$ 15. $5\frac{3}{4} - 1\frac{3}{4} =$ 16. $7\frac{3}{5} - 4$

Multiplying Fractions

17. $\frac{5}{9} \times \frac{2}{3} =$

18. $\frac{3}{4} \times \frac{1}{5} =$

19. $\frac{1}{9} \times \frac{1}{10} =$

Dividing Fractions. "Dividing Fractions is easy as pie, flip the second and multiply" or " Keep, Multiply, Flip"

20. $\frac{2}{9} \div \frac{1}{3} =$

21. $\frac{9}{16} \div \frac{7}{8} =$

22. $\frac{3}{5} \div \frac{1}{10} =$

Round to the place of the underlined digit. #23-26

249 _____ **1,302** _____ **67.045**_____ **2.34902** _____

Adding and Subtracting Decimals

27.
3.12
+ 9.94

28.
5.02
+ 1.35

29.
7.64
- 1.03

30.
4.38
- 4.16

Order of Operations

31. $3 \times 9 + 8 - 3 =$

32. $18 \div 6 \div 3 + 10 \times 2 =$

33. $4 + 2 - 1 \times 3 =$

Multiplication

34. 135 x 92 =

35. 22 x 9 =

36. 43 x 19 =

Long Division. Show Work.

37.

$39\overline{)117}$

38.

$45\overline{)765}$

39

$15\overline{)210}$

40.

$92\overline{)828}$

41.

$12\overline{)624}$

42.

$42\overline{)966}$

Word Problems. Show your work.

When Allen goes to work, he spends $2 each day for parking. How much does Allen spend for parking after 14 days of work?

Drew found movies that are regularly sold for $12 on sale for $8. He bought 8 of the movies that were on sale. How much did he spend?

If Jaila reads 100 pages a night, how many pages will she have read in two weeks?

A group of 39 eighth-grade students went on a trip to Washington DC. Each student had a fee of $518. About how much were the total charges for all of the students?

There is 3/8 of a pizza in one box and 1/4 of a pizza in another box. How much do you have altogether?

A pitcher contains 2 3/4 pints of orange juice. After you pour 5/8 of a pint into a glass, How much is left in the pitcher?