FOR STUDENTS ENTERING: 6th GRADE

St. Marys Catholic Middle School

June 2019

SMCMS Parents and Students;

Attached you will find a packet of math problems that should be completed during the summer months. WE ARE ASKING THE STUDENTS TO COMPLETE ALL OF THE PROBLEMS IN THIS PACKET All of the problems are math concepts that were covered during the 2018-19 school year in your/your child's math class. The purpose of this summer assignment is to help you retain the information that was learned over the past 9 months. All math classes are stepping stones for the next class so it is important that knowledge is retained from year to year.

The packet should be completed prior to the start of the 2019-20 school year. The packet information may be taken for a grade in the next school year based on whether it has been completed. In order to help students, math teachers from SMCMS and ECCHS will be available during July and August to help students with any difficulty they encounter. The schedule of dates and times will be available on www.eccss.org later in June.

Please contact Mr. Schneider at schneiderj@eccss.org or 834-2665 x214 if you have any questions.

Attention parents of incoming 6th graders: If you child is participating in the Summer Math Program at St. Marys Catholic Elementary School, the student may complete the summer math packet, but it will be optional. Participation in the Summer Math Program will satisfy the summer math packet requirement.

Name

MULTIPLICATION (1)

- MULTIPLICATION -

1) 74
x 6

2) 98
x 4

3) 407
x 9

4) 225
x 6

5) 70
x 36

6) 450
x 67

7) 60
x 84

8) 78
x 52

9) 702
x 4

10) 781
x 7

Name

LONG DIVISION

11) $6\overline{)81}$

12) $80\overline{)276}$

13) $85\overline{)1450}$

14) $46\overline{)996}$

15) $619 \div 6$

16) $312 \div 40$

17) $331 \div 93$

18) $1134 \div 51$

Name

19) $\frac{6}{5} + \frac{9}{5}$

20) $6\frac{2}{3} + 3\frac{4}{5}$

21) $2\frac{4}{5} + 3\frac{6}{7}$

22) $3\frac{7}{9} + 5\frac{4}{11}$

23) $11\frac{3}{8} + 2\frac{1}{16}$

24) $\frac{17}{5} - \frac{2}{5}$

25) $\frac{5}{11} - \frac{4}{11}$

26) $8\frac{5}{6} - 5\frac{1}{2}$

27) $17\frac{2}{7} - 8\frac{2}{9}$

28) $5\frac{5}{8} - 2\frac{7}{16}$

Get common denominators and always reduce!

Name

SIMPLIFY FRACTIONS

29) $\frac{4}{12}$

30) $\frac{8}{16}$

31) $\frac{7}{14}$

32) $\frac{6}{9}$

33) $\frac{20}{30}$

34) $\frac{8}{20}$

35) $\frac{12}{40}$

36) $\frac{15}{45}$

37) $\frac{14}{56}$

38) $\frac{10}{25}$

Name

Change Improper to MIXED NUMBER (5)

39) $\frac{13}{4}$

40) $\frac{13}{10}$

41) $\frac{13}{7}$

42) $\frac{49}{6}$

43) $\frac{27}{5}$

44) $\frac{30}{8}$

45) $\frac{19}{12}$

46) $\frac{15}{12}$

47) $\frac{34}{8}$

48) $\frac{42}{4}$

Name

CHANGE MIXED NUMBER TO AN IMPROPER FRACTION (6)

49) $1\frac{1}{12}$

50) $2\frac{2}{7}$

51) $1\frac{2}{9}$

52) $4\frac{7}{9}$

53) $7\frac{7}{8}$

54) $3\frac{3}{7}$

55) $4\frac{6}{7}$

56) $6\frac{1}{3}$

57) $3\frac{1}{10}$

58) $8\frac{1}{8}$

Name

Put >, <, or = in the box to compare decimals. (7)

59) $84.2 \square 842$

60) $3.53 \square 3.529$

61) $0.00072 \square 0.07002$

62) $2.01 \square 2.010$

63) $0.19321 \square 0.19231$

64) $8.627 \square 8.649$

PUT THESE IN ORDER FROM LEAST TO GREATEST:

65) 2.31, 0.231, 23.1, 0.23, 3.21

66) 2.78, 2.7001, 2.701, 2.71, 2.7

67) 0.8, 0.83, 0.08, 0.083, 0.082

68) 4.6, 4.61, 4.601, 4.602, 4.6002

Name