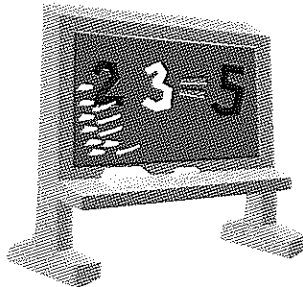


Saint Paul School

Summer 2017

Math Packet



Students Entering GRADE 6

Dear Parents,

We have covered a great deal of Math this year and do need to keep it fresh in the minds of your child as September approaches.

Attached is a review packet of what we have covered this year. Your child should complete this packet over the summer and bring it back to school in September to go over it.

Have a wonderful summer!

Sincerely,

Mrs. Helen McCarthy

P.S. Math supplies: mechanical pencils, white board markers, a one-subject notebook, and a calculator.

DIRECTIONS:

- Work on packet three times a week for eight weeks
- Complete ALL problems
- Pencil ONLY
- Show ALL work. NO work = NO Grade
- Calculators are not needed
- Summer Math Packet will be test grade
- Due first day of school, September 5, 2017

Student Name _____

Parent Signature _____

Name the place value of the 7 in each number. (Objective 1A)

1. 27,060 _____

2. 70,081,216 _____

3. 3.075 _____

4. 0.00172 _____

Round each number to the underlined place. (Objective 1B)

5. 8.2051 _____

6. 670 _____

7. 209,345 _____

8. 8,463,921 _____

9. 93,828 _____

10. 3,030,989 _____

Add or subtract. (Objective 1C)

11. $815.2 + 375$

12. $112 - 4.97$

13. $0.012 + 0.35$

14. $4.8 - 3.88$

15. $14 - 6.01$

16. $20 + 8.15$

17. 4 thousand, 283 _____

$700,000 + 400 + 20 + 3$ _____

Round to the place of the underlined digit. (Grade 5 Chapter 1)

18. 9,345,812 _____

19. 34,456,703 _____

20. 532,650,126 _____

21. 6.128 _____

22. 0.0912 _____

23. 8.236 _____

Compare. Write $>$, $<$, or $=$. (Grade 5 Chapter 1)

24. $90,743$ ○ $90,347$

25. $10,306$ ○ $9,746$

26. $4,516$ ○ $4,561$

27. 409 ○ 409

28. $16,489,550$ ○ $16,498,505$

29. 315 ○ 135

30. $5,555$ ○ $44,444$

31. $5,008$ ○ $4,009$

32. $767,800$ ○ $776,800$

33. 0.5 ○ 0.5000

34. 0.045 ○ 0.13

35. 2.78 ○ 2.774

Add or subtract. (Grade 5 Chapter 2)

1.
$$\begin{array}{r} 694 \\ + 305 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 18,475 \\ + 13,319 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 63,007 \\ + 8,999 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 541 \\ - 320 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 6,851 \\ - 4,479 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8,000 \\ - 6,019 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 16,054 \\ - 6,504 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 99,856 \\ - 98,920 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 8.9 \\ + 2.4 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 7.65 \\ + 3.3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 75.1 \\ + 88.35 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 15.000 \\ + 9.024 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 12.8 \\ - 7.9 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 6.04 \\ - 3.26 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 9.3 \\ - 7.24 \\ \hline \end{array}$$

Simplify. (Grade 5 Chapter 2)

16. $16 + (5 - 1)$ _____

17. $15 - (12 + 1) + 3$ _____

18. $(14 + 4) - (2 + 4)$ _____

19. $(3.5 + 2.4) + (12.2 - 8.5)$ _____

Solve and check. (Grade 5 Chapter 2)

20. $7 + m = 10$ _____

21. $x + 3 = 10$ _____

22. $k - 4 = 5$ _____

23. $8 - z = 19$ _____

24. $h + 9 = 13$ _____

25. $20 + j = 25$ _____

Complete each function table. (Grade 5 Chapter 2)

26. $y = x + 6$

x	y
5	
12	
7	
14	

27. $y = x - 7$

x	y
11	
9	
21	
16	

28. $y = 2.5 + x$

x	y
0	
1.5	
3	
0.5	

Multiply. (Grade 5 Chapter 3)

1.
$$\begin{array}{r} 32 \\ \times 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 68 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 657 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8,555 \\ \times 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4,567 \\ \times 9 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 2,040 \\ \times 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8,008 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} \$6.02 \\ \times 7 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 10,804 \\ \times 9 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 18,040 \\ \times 9 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 10,084 \\ \times 9 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 450 \\ \times 10 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 1,000 \\ \times 28 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 600 \\ \times 40 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 4,000 \\ \times 30 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 27 \\ \times 27 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 38 \\ \times 12 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 437 \\ \times 25 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 767 \\ \times 36 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 505 \\ \times 22 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 313 \\ \times 98 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 578 \\ \times 45 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 897 \\ \times 43 \\ \hline \end{array}$$

25. 56.30×20 _____

26. 513×32 _____

27. 6.24×15 _____

28. $4,563 \times 75$ _____

29. 19.36×24 _____

30. $6,432 \times 68$ _____

15×0.2

30×0.25

16×1.2

3.55×8

8.4×3

0.2×0.8

0.02×0.8

0.24×0.9

Divide. (Grade 5 Chapter 4)

1. $7\overline{)859}$

2. $6\overline{)214}$

3. $8\overline{)365}$

4. $7\overline{)719}$

5. $9\overline{)9,231}$

6. $8\overline{)25,636}$

7. $5\overline{)2,005}$

8. $30\overline{)7,233}$

9. $50\overline{)821}$

10. $40\overline{)9,045}$

11. $70\overline{)12,514}$

12. $80\overline{)4,871}$

13. $28\overline{)592}$

14. $67\overline{)2,459}$

15. $83\overline{)21,965}$

16. $49\overline{)32,762}$

$0.5\overline{)12}$

$0.8\overline{)45}$

$0.25\overline{)7.08}$

$0.8\overline{)17.45}$

Write each fraction in its simplest form. (Objective 3C)

$$\frac{35}{40} \underline{\hspace{2cm}}$$

$$\frac{120}{150} \underline{\hspace{2cm}}$$

$$\frac{10}{12} \underline{\hspace{2cm}}$$

$$\frac{12}{16} \underline{\hspace{2cm}}$$

$$\frac{15}{25} \underline{\hspace{2cm}}$$

$$\frac{8}{12} \underline{\hspace{2cm}}$$

$$\frac{20}{60} \underline{\hspace{2cm}}$$

$$\frac{175}{280} \underline{\hspace{2cm}}$$

$$\frac{15}{180} \underline{\hspace{2cm}}$$

$$\frac{27}{63} \underline{\hspace{2cm}}$$

$$\frac{12}{60} \underline{\hspace{2cm}}$$

$$\frac{32}{48} \underline{\hspace{2cm}}$$

Write an equivalent fraction with the given denominator. (Objective 3C)

$$\frac{3}{4} = \frac{\square}{16} \underline{\hspace{2cm}}$$

$$\frac{1}{2} = \frac{\square}{18} \underline{\hspace{2cm}}$$

$$\frac{4}{5} = \frac{\square}{20} \underline{\hspace{2cm}}$$

$$\frac{3}{8} = \frac{\square}{32} \underline{\hspace{2cm}}$$

$$\frac{7}{9} = \frac{\square}{72} \underline{\hspace{2cm}}$$

$$\frac{8}{12} = \frac{\square}{36} \underline{\hspace{2cm}}$$

$$\frac{3}{10} = \frac{\square}{120} \underline{\hspace{2cm}}$$

$$\frac{5}{7} = \frac{\square}{63} \underline{\hspace{2cm}}$$

$$\frac{4}{11} = \frac{\square}{440} \underline{\hspace{2cm}}$$

$$\frac{2}{3} = \frac{\square}{90} \underline{\hspace{2cm}}$$

$$\frac{9}{10} = \frac{\square}{80} \underline{\hspace{2cm}}$$

$$\frac{4}{15} = \frac{\square}{45} \underline{\hspace{2cm}}$$

$$\frac{2}{3} \frac{1}{2} \frac{3}{5} \underline{\hspace{2cm}}$$

$$\frac{4}{7} \frac{2}{3} \frac{5}{8} \underline{\hspace{2cm}}$$

$$\frac{11}{12} \frac{14}{15} \frac{3}{4} \underline{\hspace{2cm}}$$

$$\frac{3}{16} \frac{1}{8} \frac{2}{9} \underline{\hspace{2cm}}$$

$$0.28 \frac{1}{4} \frac{1}{5} \underline{\hspace{2cm}}$$

$$0.77 \frac{2}{3} 0.55 \underline{\hspace{2cm}}$$

$$0.9 \frac{1}{9} 0.09 \underline{\hspace{2cm}}$$

$$0.2 \frac{1}{4} 0.125 \underline{\hspace{2cm}}$$

Add or subtract. Write each answer in simplest form.
(Grade 5 Chapter 7)

$$\begin{array}{r} \frac{2}{7} \\ + \frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{12} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{6} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{4}{5} \\ + \frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{5} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{7}{12} \\ + \frac{7}{15} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{6} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{1}{2} \\ + 3\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{7}{20} \\ + 3\frac{11}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{1}{3} \\ - 4\frac{2}{3} \\ \hline \end{array}$$

1. $\frac{2}{3} \times \frac{1}{4}$ _____

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

3. $\frac{5}{8} \times \frac{3}{10}$ _____

4. $\frac{5}{6} \times \frac{11}{15}$ _____

5. $\frac{3}{4} \times \frac{5}{12}$ _____

6. $\frac{4}{5} \times \frac{9}{20}$ _____

7. $\frac{3}{8} \times \frac{5}{6}$ _____

8. $\frac{9}{10} \times \frac{7}{15}$ _____

9. $8 \times 3\frac{1}{2}$ _____

10. $4\frac{2}{3} \times 1\frac{1}{7}$ _____

11. $8\frac{4}{5} \times 3\frac{5}{11}$ _____

12. $2\frac{7}{9} \times 1\frac{3}{10}$ _____

$\frac{4}{7} \div \frac{1}{2}$ _____

$\frac{2}{3} \div \frac{1}{6}$ _____

$\frac{5}{6} \div 5$ _____

$\frac{2}{3} \div 6$ _____

$\frac{5}{8} \div 20$ _____

$\frac{3}{8} \div 12$ _____

$\frac{5}{6} \div \frac{5}{16}$ _____

$1\frac{1}{8} \div \frac{1}{4}$ _____

$2\frac{5}{8} \div 3\frac{1}{3}$ _____

$20\frac{5}{6} \div 2\frac{1}{2}$ _____