Summer Math Packet
Entering Grade 5 Math

Dear Parents and Students,

Maintaining strong math skills is extremely important in order to have a solid math foundation when we return to school in the Fall. Students should work on the review skills in this packet throughout the summer to help reinforce everything they have learned this past year. The packet is due when students return to school and it will be the first grade of the first trimester. Have a great summer!

Mrs. Donohue

Summer Math Packet Name _____

Grade 5

Skills Practice 1

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Skills Practice 2

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Skills Practice 3

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Skills Practice 4

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Skills Practice 5

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Skills Practice 6

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Skills Practice 7

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Skills Practice 8

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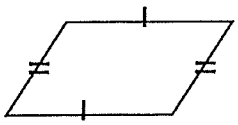
Skills Practice 1

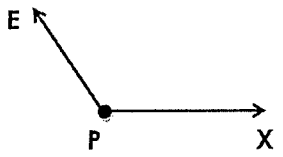
1. $\begin{array}{r} 34 \\ \times\ 28 \\ \hline \end{array}$	2. $\begin{array}{r} 999 \\ +\ 813 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $6 \times 7 - 8 \div 4$
4. List the first 5 multiples of: **2:** _____	5. Use the distributive property to solve: $9 \times (4 + 11)$	6. Name the rule and list the next three terms in the pattern. 61, 55, 49, 43, 37 ...
7. Write two equivalent fractions for each fraction. $\frac{2}{3} =$	8. Write each improper fraction as a mixed number. $\frac{37}{5} =$	9. Solve: $19.78 + 4.6 =$ _____
10. Classify in as many ways possible. 	11. Fill in the blanks. _____ inches = 3 feet	12. How much time has elapsed? 10:40 P.M. to 1:40 A.M.
13. What is the degree measure of the angle?  * Hint: It is a straight line.	14. Find the area and perimeter. 5 cm 1 cm 	15. Sarah has 4 notebooks. Each notebook has 205 pages. How many pages are there in all?

Facts Practice 1: Multiplication

Directions: Set timer for 5 minutes.

6x0=	7x2=	11x5=	10x11=	11x4=
10x11=	9x3=	3x9=	6x11=	7x1=
6x5=	11x4=	4x5=	6x9=	6x8=
4x11=	9x2=	5x2=	10x4=	5x2=
2x1=	7x8=	4x6=	11x5=	6x10=
3x6=	11x8=	2x3=	9x5=	5x7=
5x2=	11x6=	5x0=	4x9=	11x2=
4x7=	9x8=	7x8=	4x8=	9x8=
5x5=	11x9=	10x3=	5x6=	8x4=
3x5=	9x1=	4x8=	12x11=	10x9=

Skills Practice 2

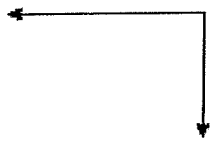
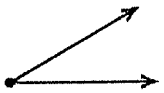
1. $179 \div 4 =$ _____	2. 70,076 - 5,895	3. Solve the expression. Use Order of Operations 3 x 20 - 5
4. List the factors of: 21: _____	5. Use the distributive property to solve: 3 x (8 + 12)	6. Name the rule and list the next three terms in the pattern. 10, 18, 26, 34, 42 ...
7. Write each fraction in simplest form. $\frac{3}{12} =$	8. Write each decimal: sixty-five and four thousandths _____	9. Solve: 6.76 – 0.3 = _____
10.  (Acute, right or obtuse) What type of angle is it? _____	11. Fill in the blanks. _____ inches = 2 yards _____ feet = 1 mile	12. Find the missing number. 60 x _____ = 2,400
FREE	14. Find the area and perimeter. 7 in 2 in 	15. Find the mean, 4, 5, 2, 4, 6, 3 mean: _____ (average)

Facts Practice 2: Division

Directions: Set timer for 5 minutes.

1. $96 \div 12 =$ ☐
2. $9 \div 1 =$ ☐
3. $54 \div 6 =$ ☐
4. $80 \div 10 =$ ☐
5. $72 \div 6 =$ ☐
6. $15 \div 3 =$ ☐
7. $50 \div 10 =$ ☐
8. $70 \div 7 =$ ☐
9. $32 \div 4 =$ ☐
10. $90 \div 9 =$ ☐
11. $9 \div 9 =$ ☐
12. $2 \div 2 =$ ☐
13. $30 \div 6 =$ ☐
14. $22 \div 2 =$ ☐
15. $72 \div 9 =$ ☐
16. $30 \div 10 =$ ☐
17. $99 \div 11 =$ ☐
18. $120 \div 12 =$ ☐
19. $100 \div 10 =$ ☐
20. $20 \div 5 =$ ☐
21. $8 \div 8 =$ ☐
22. $9 \div 9 =$ ☐
23. $11 \div 11 =$ ☐
24. $10 \div 10 =$ ☐
25. $8 \div 1 =$ ☐
26. $66 \div 11 =$ ☐
27. $110 \div 11 =$ ☐
28. $11 \div 1 =$ ☐
29. $9 \div 9 =$ ☐
30. $54 \div 9 =$ ☐
31. $56 \div 7 =$ ☐
32. $36 \div 4 =$ ☐
33. $16 \div 2 =$ ☐
34. $132 \div 12 =$ ☐
35. $22 \div 11 =$ ☐
36. $28 \div 7 =$ ☐
37. $48 \div 6 =$ ☐
38. $120 \div 10 =$ ☐
39. $132 \div 12 =$ ☐
40. $50 \div 5 =$ ☐
41. $35 \div 7 =$ ☐
42. $24 \div 8 =$ ☐
43. $77 \div 7 =$ ☐
44. $72 \div 6 =$ ☐
45. $5 \div 5 =$ ☐
46. $10 \div 10 =$ ☐
47. $2 \div 1 =$ ☐
48. $110 \div 10 =$ ☐
49. $10 \div 10 =$ ☐
50. $12 \div 4 =$ ☐

Skills Practice 3

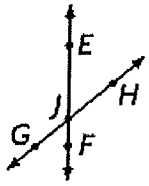
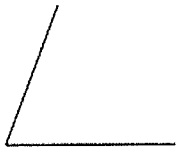
1. 827 x 32	2. 1,675 + 1,092	3. Solve the expression. Use Order of Operations $(24+2)\div 2$
4. List the first 5 multiples of: **3:**_____	5. Use the distributive property to solve: $4 \times (10 + 7)$	6. Name the rule and list the next three terms in the pattern. 5, 4, 8, 7, 14...
7. Write the fractions as fractions with a common dominator. $\frac{3}{4}$ and $\frac{1}{3}$	8. Write each decimal in word form. 302.78_____	9. Solve: 14.2 + 0.23 = _____
10. Name the type of angle.  acute, right, or obtuse	11. Fill in the blanks. 20 quarts = _____ gallons 7 _____	12. How much time has elapsed? 2:20 P.M. to 5:57 P.M.
13.  What is the best estimate for the measure of this angle? 80°, 120°, or 30°	14. Find the area and perimeter. 5 cm 4 cm 	15. Carl put 42 cards into equal stacks of 7. How many stacks did he make?

Facts Practice 3: Multiplication

Directions: Set timer for 5 minutes.

7x7=	11x7=	12x4=	9x11=	9x9=
6x9=	1x5=	4x8=	10x10=	8x6=
3x6=	11x11=	1x7=	11x9=	9x10=
4x7=	5x5=	1x2=	3x11=	10x8=
6x8=	3x8=	10x12=	4x10=	9x9=
1x4=	7x5=	4x11=	8x4=	4x9=
7x4=	9x2=	3x4=	4x9=	10x5=
3x11=	7x10=	7x9=	5x10=	10x4=
9x9=	3x11=	1x3=	0x5=	9x5=
12x5=	5x10=	8x9=	5x8=	7x8=

Skills Practice 4

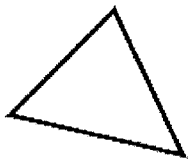
1. $2{,}783 \div 5 =$ _____	2. $\begin{array}{r} 1{,}002 \\ -\quad 99 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $18 \div 2 + 4$
4. List the factors of: 9: _____	5. Use the distributive property to solve: $6 \times (12 + 8)$	6. Name the rule and list the next three terms in the pattern. 56, 67, 78, 89, 100 ...
7. Compare using <, >, or =. $\frac{4}{9}$ ____ $\frac{5}{10}$	8. Compare using <, >, or =. 0.67 _____ 0.6 3.28 _____ 3.289	9. Solve: 67 – 0.2 = _____
10. Parallel, perpendicular, or intersecting? 	11. Fill in the blanks. 72 inches = _____ feet	12. 500,000 + 30,000 + 400 +20 + 7 = _____
13.  What is the best estimate for the measure of this angle? 80°, 120°, or 30°	14. Find the area and perimeter. 20 ft 4 ft 	15. Susie used 0.75 cup of sugar in a batch of brownies. What fraction of a cup did she use?

Facts Practice 4: Division

Directions: Set timer for 5 minutes.

1. $15 \div 5 =$ ☐
2. $72 \div 12 =$ ☐
3. $12 \div 12 =$ ☐
4. $22 \div 11 =$ ☐
5. $120 \div 12 =$ ☐
6. $3 \div 3 =$ ☐
7. $20 \div 4 =$ ☐
8. $2 \div 2 =$ ☐
9. $10 \div 2 =$ ☐
10. $66 \div 11 =$ ☐
11. $132 \div 12 =$ ☐
12. $24 \div 3 =$ ☐
13. $12 \div 4 =$ ☐
14. $50 \div 5 =$ ☐
15. $27 \div 3 =$ ☐
16. $132 \div 11 =$ ☐
17. $11 \div 11 =$ ☐
18. $54 \div 6 =$ ☐
19. $48 \div 6 =$ ☐
20. $9 \div 1 =$ ☐
21. $6 \div 6 =$ ☐
22. $120 \div 12 =$ ☐
23. $20 \div 4 =$ ☐
24. $3 \div 3 =$ ☐
25. $12 \div 2 =$ ☐
26. $60 \div 10 =$ ☐
27. $28 \div 7 =$ ☐
28. $60 \div 12 =$ ☐
29. $22 \div 2 =$ ☐
30. $33 \div 3 =$ ☐
31. $6 \div 1 =$ ☐
32. $20 \div 4 =$ ☐
33. $6 \div 6 =$ ☐
34. $121 \div 11 =$ ☐
35. $81 \div 9 =$ ☐
36. $18 \div 3 =$ ☐
37. $48 \div 8 =$ ☐
38. $18 \div 9 =$ ☐
39. $72 \div 8 =$ ☐
40. $22 \div 11 =$ ☐
41. $100 \div 10 =$ ☐
42. $6 \div 1 =$ ☐
43. $132 \div 12 =$ ☐
44. $6 \div 6 =$ ☐
45. $72 \div 9 =$ ☐
46. $2 \div 1 =$ ☐
47. $20 \div 2 =$ ☐
48. $72 \div 12 =$ ☐
49. $40 \div 5 =$ ☐
50. $72 \div 6 =$ ☐

Skills Practice 5

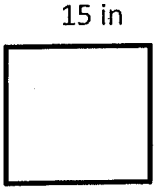
1. $\begin{array}{r} 59 \\ \times\ 8 \\ \hline \end{array}$	2. $\begin{array}{r} 123{,}192 \\ +\ \ 9{,}585 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $9 \times (3-1)$
4. List the first 5 multiples of: **8:**_____	5. Use the distributive property to solve: $6 \times (11 + 5)$	6. Name the rule and list the next three terms in the pattern. 10, 20, 18, 36, 34...
7. Solve. $1 - \frac{1}{5} =$	8. Order the decimals from least to greatest. 38.09; 308.90; 38.04; 38.90	9. Solve: 783.4 + 46.374 = _____
FREE	11. Fill in the blanks. 20 pints = _____ quarts	12. How much time has elapsed? 3:00 A.M. to 7:14 A.M.
 13. Classify the triangle as acute, obtuse, or right.	14. Find the area and perimeter. 12 in 4 in 	15. Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?

Facts Practice 5: Multiplication

Directions: Set timer for 5 minutes.

7x3=	0x2=	1x6=	6x4=	9x4=
6x11=	10x2=	11x3=	11x8=	11x1=
8x10=	3x6=	3x0=	11x5=	11x11=
10x12=	10x10=	2x5=	6x5=	7x1=
8x1=	1x7=	3x1=	2x6=	8x5=
9x8=	5x0=	8x2=	1x0=	10x6=
2x6=	8x11=	6x1=	10x9=	6x11=
9x7=	12x7=	10x1=	6x0=	9x10=
9x4=	5x7=	5x4=	11x5=	4x9=
7x0=	5x6=	4x8=	1x1=	12x2=

Skills Practice 6

1. $932 \div 3 =$ _____	2. $121{,}192 - 3{,}485$	3. Solve the expression. Use Order of Operations $21 \div 3 + (3 \times 9)$
4. List the factors of: 12: _____	5. Use the distributive property to solve: $7 \times (9 + 9)$	6. Name the rule and list the next three terms in the pattern. 2, 4, 8, 16, 32...
7. Solve. $\frac{6}{10} + \frac{5}{10} =$	8. Write the number as tenths in fraction form and decimal form. $\frac{40}{100} =$	9. Solve: 18.237 - 15= _____
FREE	11. Compare using <, >, or =. 5 yards _____ 20 feet	12. Round to the nearest thousand place. 4,799 _____
 13. Classify the triangle as acute, obtuse, or right.	14. Find the area and perimeter. 	15. On Monday, 395 students went on a trip to the zoo. All 9 buses were filled and 8 students had to travel in cars. How many students were in each bus ?

Facts Practice 6: Division

Directions: Set timer for 5 minutes.

1. $6 \div 2 =$ ☐
2. $36 \div 9 =$ ☐
3. $81 \div 9 =$ ☐
4. $63 \div 9 =$ ☐
5. $30 \div 10 =$ ☐
6. $12 \div 12 =$ ☐
7. $27 \div 9 =$ ☐
8. $72 \div 12 =$ ☐
9. $27 \div 3 =$ ☐
10. $30 \div 6 =$ ☐
11. $64 \div 8 =$ ☐
12. $132 \div 12 =$ ☐
13. $36 \div 4 =$ ☐
14. $40 \div 5 =$ ☐
15. $7 \div 7 =$ ☐
16. $9 \div 9 =$ ☐
17. $9 \div 3 =$ ☐
18. $66 \div 11 =$ ☐
19. $96 \div 12 =$ ☐
20. $100 \div 10 =$ ☐
21. $6 \div 6 =$ ☐
22. $6 \div 3 =$ ☐
23. $15 \div 5 =$ ☐
24. $44 \div 11 =$ ☐
25. $35 \div 5 =$ ☐
26. $63 \div 7 =$ ☐
27. $15 \div 3 =$ ☐
28. $108 \div 12 =$ ☐
29. $5 \div 5 =$ ☐
30. $32 \div 8 =$ ☐
31. $108 \div 12 =$ ☐
32. $16 \div 4 =$ ☐
33. $90 \div 9 =$ ☐
34. $15 \div 5 =$ ☐
35. $12 \div 12 =$ ☐
36. $70 \div 7 =$ ☐
37. $9 \div 9 =$ ☐
38. $45 \div 9 =$ ☐
39. $1 \div 1 =$ ☐
40. $30 \div 10 =$ ☐
41. $96 \div 12 =$ ☐
42. $24 \div 3 =$ ☐
43. $121 \div 11 =$ ☐
44. $144 \div 12 =$ ☐
45. $8 \div 2 =$ ☐
46. $40 \div 10 =$ ☐
47. $72 \div 9 =$ ☐
48. $20 \div 10 =$ ☐
49. $36 \div 9 =$ ☐
50. $9 \div 9 =$ ☐

Skills Practice 7

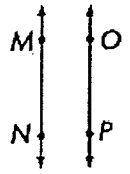
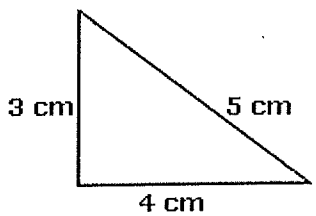
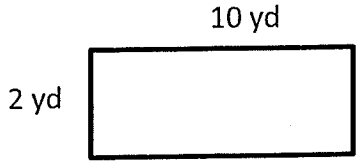
1. $\begin{array}{r} 527 \\ \times\ 14 \\ \hline \end{array}$	2. $\begin{array}{r} 338{,}289 \\ +\ \ 3{,}784 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $36 \div 9 + 48 - 10 \div 2$
4. Prime or Composite? 9:_____	5. Use the distributive property to solve: $2 \times (3 + 10)$	6. Name the rule and list the next three terms in the pattern. 28, 20, 24, 16, 20...
7. Order from least to greatest. $\frac{3}{8}, \frac{1}{4}, \frac{1}{2}$	8. Write the number as hundredths in fraction form and decimal form. $\frac{7}{10} =$	9. Solve: 348.09 + 0.05 = _____
10. FREE	11. Compare using <, >, or =. 2 tons_____ 4,000 pounds	12. How much time has elapsed? 7:20 A.M. to 9:49 A.M.
FREE	14. Find the area and perimeter. 5 ft 3 ft 	15. Ben and Michael are brothers. Ben is four times as old as Michael, and their combined ages is 25. How old is Ben?

Facts Practice 7: Multiplication

Directions: Set timer for 5 minutes.

7x5=	0x4=	4x6=	8x2=	4x1=
12x5=	12x1=	8x2=	7x1=	1x9=
4x4=	11x1=	7x1=	1x3=	4x7=
8x10=	3x8=	3x8=	9x8=	2x3=
5x4=	10x9=	10x2=	5x10=	8x9=
10x11=	0x1=	7x7=	2x2=	4x11=
12x6=	5x11=	4x11=	10x1=	8x6=
8x7=	1x1=	8x4=	8x3=	7x5=
3x7=	2x10=	4x6=	1x4=	11x6=
6x10=	10x12=	12x5=	5x6=	5x7=

Skills Practice 8

1. $502 \div 5 =$ _____	2. 982,274 - 229,882	3. Solve the expression. Use Order of Operations $8 \times 3 + 70 \div 7 - 7$
4. Prime or Composite? 12:_____	5. Use the distributive property to solve: $3 \times (8 + 4)$	6. FREE
7. Write the mixed numbers as improper fractions. $4\frac{1}{3} =$	8. Write the fraction as a money amount. $\frac{4}{100} =$	9. Solve: $30 - 0.56 =$ _____
10. Parallel, perpendicular, or intersecting? 	11. Fill in the blank. 4 feet = _____ inches	12. The value of the 1 in 154,985 is _____
 13. Classify the triangle by its sides and angles.	14. Find the area and perimeter. 	15. Anna's dad is 36. He is 9 times as old as she is. How old is Anna?

Facts Practice 8: Division

Directions: Set timer for 5 minutes.

1. $55 \div 11 =$
2. $110 \div 11 =$
3. $35 \div 7 =$
4. $45 \div 5 =$
5. $40 \div 5 =$
6. $5 \div 5 =$
7. $96 \div 12 =$
8. $8 \div 2 =$
9. $121 \div 11 =$
10. $10 \div 2 =$
11. $110 \div 10 =$
12. $1 \div 1 =$
13. $54 \div 6 =$
14. $10 \div 1 =$
15. $40 \div 5 =$
16. $24 \div 3 =$
17. $3 \div 1 =$
18. $27 \div 3 =$
19. $7 \div 1 =$
20. $12 \div 2 =$
21. $35 \div 7 =$
22. $16 \div 4 =$
23. $70 \div 7 =$
24. $77 \div 7 =$
25. $24 \div 12 =$
26. $10 \div 2 =$
27. $11 \div 1 =$
28. $28 \div 7 =$
29. $4 \div 2 =$
30. $1 \div 1 =$
31. $44 \div 11 =$
32. $33 \div 11 =$
33. $6 \div 3 =$
34. $40 \div 4 =$
35. $35 \div 5 =$
36. $72 \div 12 =$
37. $50 \div 10 =$
38. $3 \div 1 =$
39. $36 \div 4 =$
40. $72 \div 6 =$
41. $80 \div 8 =$
42. $48 \div 8 =$
43. $99 \div 11 =$
44. $72 \div 6 =$
45. $14 \div 7 =$
46. $108 \div 12 =$
47. $60 \div 10 =$
48. $40 \div 4 =$
49. $8 \div 4 =$
50. $10 \div 5 =$