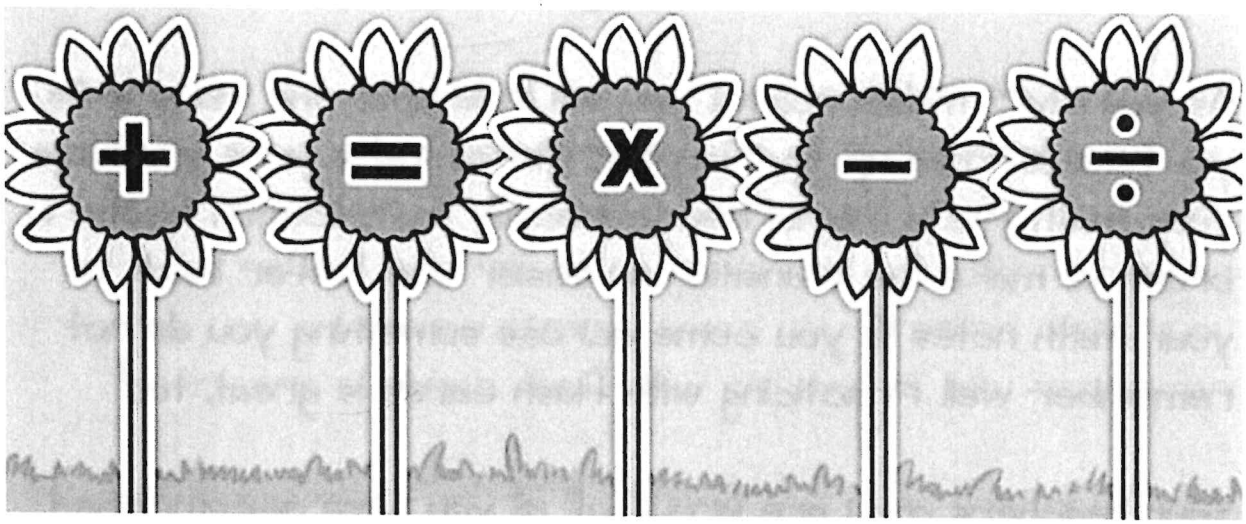
5th Grade Math
Summer Break Review



Name: _____

Due on the first day back to school.
This will count as the first test grade of Marking Period 1.

Dear 5th Grader in Training,

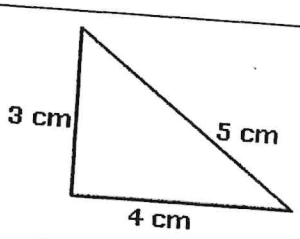
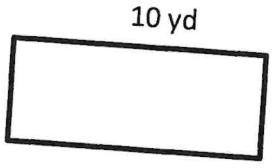
This summer math packet will help you practice the skills you learned this year in order to be successful next year & in the future! There are 8 pages of facts practice and 8 pages of skill practice in the packet. I recommend that you do 2 pages each week (one facts practice and one skills practice page). You will turn in your packet to your new 5th grade teacher when we return to school in August.

As you start middle school, you will build upon the many skills you have learned up to this year. Please make sure you have your math facts memorized (especially multiplication facts) in order to make the transition an easier one! Refer back to your math notes if you come across something you do not remember well. Practicing with flash cards is great, too!

Your teachers and I are proud of all you have accomplished as 4th graders and hope you have a wonderful summer!

Sincerely,
Mrs. McCabe, Ms. Mota, & Ms. Nkundikije

Skills Practice 8

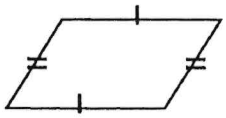
1. $502 \div 5 =$ _____	2. $\begin{array}{r} 982{,}274 \\ -\ 229{,}882 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $8 \times 3 + 70 \div 7 - 7$
4. Prime or Composite? 12: _____ 7: _____	5. Use the distributive property to solve: $3 \times (8 + 4)$	6. Name the rule and list the next three terms in the pattern. 1, 1, 2, 3, 5, 8, 13...
7. Write the mixed numbers as improper fractions. $4\frac{1}{3} =$ $7\frac{2}{10} =$	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. 2 cups = _____ fluid ounces 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 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 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:**_____ **4:**_____ **6:**_____	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. $\frac{2}{3} =$ $\frac{3}{5} =$	8. Write each improper fraction as a mixed number. $\frac{37}{5} =$ $\frac{19}{4} =$	9. Solve: 19.78 + 4.6 = _____
10. Classify in as many ways possible. 	11. Fill in the blanks. _____ inches = 3 feet _____ feet = 6 yards	12. How much time has elapsed? 10:40 P.M. to 1:40 A.M.
13. What is the degree measure of the angle? 	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?

Directions: Set timer for 5 minutes.

Facts Practice 2: Division

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 2

1. $179 \div 4 =$ _____

2.
$$\begin{array}{r} 70{,}076 \\ -\ 5{,}895 \\ \hline \end{array}$$

3. Solve the expression. Use Order of Operations

$3 \times 20 - 5$

4. List the factors of:

21: _____

7: _____

5. Use the distributive property to solve:

$3 \times (8 + 12)$

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.

$\frac{3}{12} =$

$\frac{4}{10} =$

8. Write each decimal:

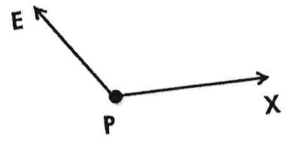
sixty-five and four thousandths _____

one hundred two and two hundredths _____

9. Solve:

$6.76 - 0.3 =$ _____

10.



Name the angle: _____

What type of angle is it?

_____

11. Fill in the blanks.

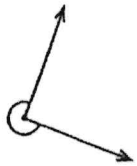
_____ inches = 2 yards

_____ feet = 1 mile

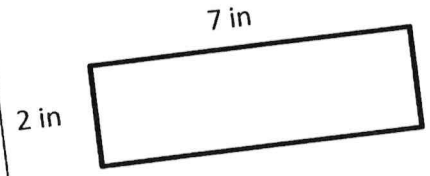
12. Find the missing number.

$60 \times$ _____ $= 2{,}400$

13. What fraction of a turn is this angle?



14. Find the area and perimeter.



15. Find the mean, median, and mode.

4, 5, 2, 4, 6, 3

mean: _____

median: _____

mode: _____

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 3

1.

$$\begin{array}{r} 827 \\ \times\ 32 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 1{,}675 \\ +\ 1{,}092 \\ \hline \end{array}$$

3. Solve the expression. Use Order of Operations

$$(24+2)\div 2$$

4. List the first 5 multiples of:

3: _____

5: _____

7: _____

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 _____

_____

15.023 _____

_____

9. Solve:

14.2 + 0.23 = _____

10. Name the type of angle.

11. Fill in the blanks.

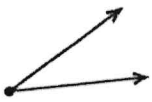
20 quarts = _____ gallons

7 tons = _____ pounds

12. How much time has elapsed?

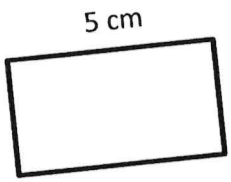
2:20 P.M. to 5:57 P.M.

13. What is the best estimate for the measure of this angle?



80°, 120°, or 30°

14. Find the area and perimeter.



15. Carl put 42 cards into equal stacks of 7. How many stacks did he make?

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 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: _____

33: _____

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 =.

$\frac{4}{9}$ ____ $\frac{5}{10}$

$\frac{2}{3}$ ____ $\frac{1}{5}$

8. Compare using <, >, or =.

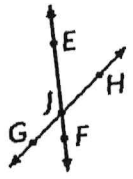
0.67 _____ 0.6

3.28 _____ 3.289

9. Solve:

$67 - 0.2 =$ _____

10. Parallel, perpendicular, or intersecting?



11. Fill in the blanks.

72 inches = _____ feet

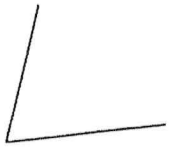
4 pounds = _____ ounces

12.

$500{,}000 + 30{,}000 + 400$

$+20 + 7 =$ _____

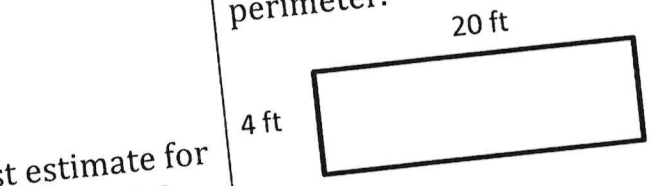
13.



What is the best estimate for the measure of this angle?

80°, 120°, or 30°

14. Find the area and perimeter.



15. Susie used 0.75 cup of sugar in a batch of brownies. What fraction of a cup did she use?

Facts Practice 5: Multiplication

Directions: Set timer for 5 minutes.

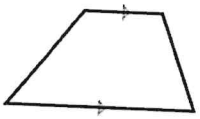
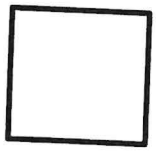
7x3=	0x2=	1x6=	6x4=	9x4=
6x11=	10x2=	11x3=	11x8=	11x1=
8x10=	3x6=	3x0=	11x5=	11x11=
10x12=	10x10=	2x5=	6x5=	7x1=
8x1=	1x7=	3x1=	2x6=	8x5=
9x8=	5x0=	8x2=	1x0=	10x6=
2x6=	8x11=	6x1=	10x9=	6x11=
9x7=	12x7=	10x1=	6x0=	9x10=
9x4=	5x7=	5x4=	11x5=	4x9=
7x0=	5x6=	4x8=	1x1=	12x2=

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 6

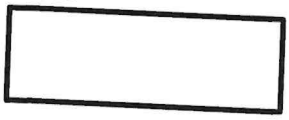
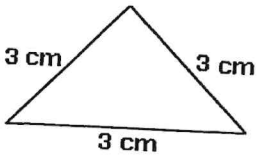
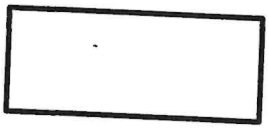
1. $932 \div 3 =$ _____	2. $121{,}192 - 3{,}485$	3. Solve the expression. Use Order of Operations $21 \div 3 + (3 \times 9)$
4. List the factors of: 12: _____ 30: _____	5. Use the distributive property to solve: $7 \times (9 + 9)$	6. Name the rule and list the next three terms in the pattern. 2, 4, 8, 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= _____
10. Classify in as many ways possible. 	11. Compare using <, >, or =. 12 cups _____ 4 pints 5 yards _____ 20 feet	12. Round to the nearest thousand place. 4,799 _____ 12,200 _____ 15,231_____
13.  Classify the triangle as acute, obtuse, or right.	14. Find the area and perimeter. 15 in 15 in 	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 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 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:_____ 33: _____	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. Classify in as many ways possible. 	11. Compare using <, >, or =. 2 tons_____ 4,000 pounds 3 quarts _____ 8 pints	12. How much time has elapsed? 7:20 A.M. to 9:49 A.M.
 13. Classify the triangle by its sides and angles.	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 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. $10 \div 5 =$