

May 2023

Dear Fourth-Graders,

I hope you are excited about joining us in the Middle School next year. As you enjoy a well-deserved summer vacation, I want to remind you of the importance of keeping your math skills sharp. Over the summer you are required to complete the attached math packet. I would also like you to continue working on your addition, subtraction, and multiplication facts to keep your skills sharp and ready for fourth grade math.

Each week over the summer you will need to work on your math skills. I suggest you complete one page of this packet per week. You will be more prepared for fourth grade if you spread out your practice throughout the summer. I am expecting you to know all of your addition, subtraction, and multiplication facts when school starts in August. One of the most important tools in problem solving is to know your facts so that you can use all of your mental energy to solve the big problem.

Suggested ways to practice your math facts:

Freckle Math

iPad Apps

Computer Websites/Games

Pencil & Paper

Attached timed tests

Flashcards

I am looking forward to working with you this next school year.

Have a great summer,
Ms. Molloy
4th grade Math teacher

Once you've completed your summer work, please have your parents answer the following:

My child completed his/her summer work: (Please select one)

_____ Mostly independent

_____ Adult/sibling help was required to be successful

_____ My child worked with a tutor to complete summer work

Tutor's Name _____

Round each of the following numbers to the **nearest hundred**.

845 _____

5,770 _____

82,138 _____

28,424 _____

15,560 _____

Find the sum.

$$329 + 547 =$$

$$3,819 + 3,422 =$$

Find the difference.

$$1578 - 689 =$$

$$1652 - 797$$

Find the product.

$$7 \times 9 =$$

$$3 \times 7 =$$

$$4 \times 8 =$$

$$5 \times 4 =$$

$$8 \times 7 =$$

$$3 \times 5 =$$

$$2 \times 9 =$$

$$3 \times 3 =$$

$$6 \times 9 =$$

$$0 \times 8 =$$

Problem Solving-

Bert bought 2 cookies that cost 10¢ each. He gave the clerk a quarter. How much money did he get back?

February 2010

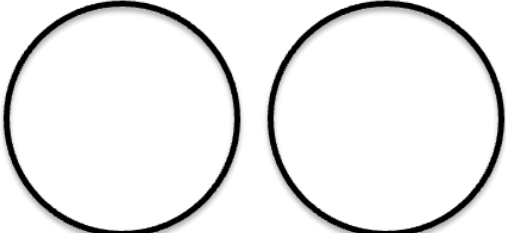
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

What is the date of the second Friday in this month?

On what day of the week is February 15, 2010?

If today is February 10, 2010, what will be the date in one week?

<p>Write the following numbers in expanded form:</p> <p>54,830 _____</p> <p>_____</p> <p>385,724 _____</p> <p>_____</p> <p>_____</p>	<p>Find the sum.</p> <p>3,614 + 2,902=</p> <p>8,465 + 8,165=</p>												
<p>Find the difference.</p> <p>846 - 38=</p> <p>847 - 59=</p>	<p>Find the product.</p> <table border="0"> <tr> <td>7 x 7=</td> <td>8 x 9=</td> </tr> <tr> <td>2 x 6=</td> <td>5 x 9=</td> </tr> <tr> <td>3 x 9=</td> <td>4 x 6=</td> </tr> <tr> <td>7 x 5=</td> <td>6 x 8=</td> </tr> <tr> <td>4 x 3=</td> <td>5 x 0=</td> </tr> <tr> <td>6 x 9=</td> <td>1 x 9=</td> </tr> </table>	7 x 7=	8 x 9=	2 x 6=	5 x 9=	3 x 9=	4 x 6=	7 x 5=	6 x 8=	4 x 3=	5 x 0=	6 x 9=	1 x 9=
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4 x 3=	5 x 0=												
6 x 9=	1 x 9=												
<p>Problem Solving</p> <p>Jason rides his bike to school and back home. It is two miles each way. How many miles does he ride in five days?</p>	<p>Fractions:</p> <p>Divide the rectangle into fifths. Then shade three fifths.</p> <div data-bbox="824 1600 1140 1730" style="border: 1px solid black; height: 60px; width: 190px; margin: 10px auto;"></div> <p>What fractional part is not shaded? _____</p>												

<p>Write the number in word form.</p> <p>67,832</p> <hr/> <hr/> <hr/> <p>219,304</p> <hr/> <hr/> <hr/>	<p>Find the sum.</p> <p>867 + 795=</p> <p>3452 + 1283=</p>										
<p>Find the difference.</p> <p>1578 - 689=</p> <p>1728 - 919=</p>	<p>Find the product.</p> <table border="0"> <tr> <td>9 x 9=</td> <td>1 x 1=</td> </tr> <tr> <td>4 x 4=</td> <td>5 x 5=</td> </tr> <tr> <td>8 x 8=</td> <td>6 x 6=</td> </tr> <tr> <td>3 x 3=</td> <td>2 x 2=</td> </tr> <tr> <td>0 x 0=</td> <td>7 x 7=</td> </tr> </table>	9 x 9=	1 x 1=	4 x 4=	5 x 5=	8 x 8=	6 x 6=	3 x 3=	2 x 2=	0 x 0=	7 x 7=
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<p>Problem Solving</p> <p>The explorers needed to hike 19 miles in one day. They hiked 8 miles in the morning. They hiked 6 miles in the afternoon. How far did they still need to go?</p>	<p>Fractions: Mom made two large pizzas for Albert and his friends to have for lunch. Three boys came over. Show how Mom cut the pizzas so each boy could have three pieces.</p> <div style="text-align: center;">  </div>										

<p>Write the value of the 4 in each of the following numbers.</p> <p>5,492 _____</p> <p>42,138 _____</p> <p>874,921 _____</p> <p>415,863 _____</p>	<p>Round each number to the greatest place then find the sum.</p> <p>827 + 377=</p> <p>7,819 + 23,921=</p>										
<p>Round each number to the hundreds place and then find the difference.</p> <p>1000 – 489=</p> <p>7200 – 357=</p>	<p>Find the product.</p> <table> <tr> <td>7 x 9=</td><td>2 x 1=</td></tr> <tr> <td>5 x 4=</td><td>9 x 5=</td></tr> <tr> <td>3 x 8=</td><td>4 x 6=</td></tr> <tr> <td>1 x 3=</td><td>8 x 2=</td></tr> <tr> <td>9 x 0=</td><td>8 x 7=</td></tr> </table>	7 x 9=	2 x 1=	5 x 4=	9 x 5=	3 x 8=	4 x 6=	1 x 3=	8 x 2=	9 x 0=	8 x 7=
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<p>Problem Solving</p> <p>Greg has a savings account at the bank. Every week he puts half of his allowance in the bank. He gets \$4.00 allowance. How much will he save in ten weeks?</p>	<p>Patterns</p> <p>Complete the pattern.</p> <p>1,250 1,300 1,350 _____,</p> <p>_____, _____,</p> <p>_____, _____</p> <p>25, 50, 75, _____,</p> <p>_____, _____,</p> <p>_____, _____</p>										

<p>Write the following numbers in standard form:</p> <p>fifty eight thousand, seven hundred sixty seven.</p> <hr/> <p>thirty nine thousand, two hundred forty three.</p> <hr/>	<p>Rewrite vertically and find the sum.</p> <p>$2,678 + 598 =$</p> <p>$4,656 + 753 =$</p>										
<p>Find the missing number.</p> $\begin{array}{r} 5, \quad 2 \quad 6 \\ - \quad 3, \quad 1 \quad 5 \quad 4 \\ \hline 1, \quad 8 \quad 7 \quad 2 \end{array}$	<p>Find the product.</p> <table> <tr> <td>$2 \times 8 =$</td> <td>$7 \times 4 =$</td> </tr> <tr> <td>$7 \times 6 =$</td> <td>$8 \times 5 =$</td> </tr> <tr> <td>$5 \times 9 =$</td> <td>$2 \times 4 =$</td> </tr> <tr> <td>$3 \times 5 =$</td> <td>$6 \times 4 =$</td> </tr> <tr> <td>$8 \times 1 =$</td> <td>$6 \times 5 =$</td> </tr> </table>	$2 \times 8 =$	$7 \times 4 =$	$7 \times 6 =$	$8 \times 5 =$	$5 \times 9 =$	$2 \times 4 =$	$3 \times 5 =$	$6 \times 4 =$	$8 \times 1 =$	$6 \times 5 =$
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<p>Problem Solving Members of the student council voted to have an all day Read-A-Thon. The vote was 19 to 8. There are 30 members, so how many members did not vote?</p>	<p>Patterns-Complete each pattern.</p> <p>10, 18, 26, 34, _____, _____, _____.</p> <p>72, 66, 60, 54, _____, _____, _____.</p> <p>8, 16, 24, 32, _____, _____, _____.</p> <p>17, 22, 27, 32, _____, _____, _____.</p>										

Week of July 3

Show your work.

Use the <, >, or = to compare the numbers.

573 _____ 753

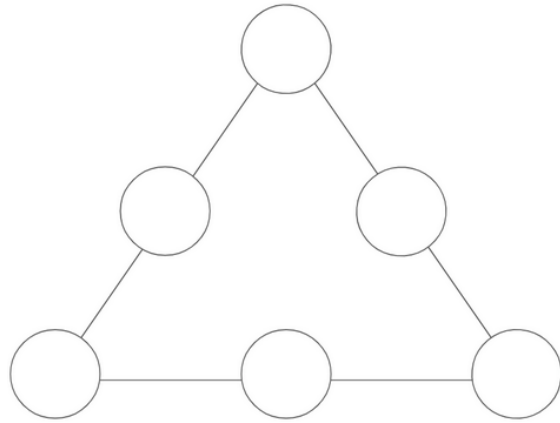
5,921 _____ 4,912

89,452 _____ 99,542

77,876 _____ 77,676

333,291 _____ 333,291

For this pyramid, can you place the numbers 1, 2, 3, 4, 5, and 6 in the circles shown below? Only one number may be placed in a circle and all numbers must be used. When the final arrangement is complete, the sum of each side's three numbers must all be the same.



Find the difference.

$7284 - 3294 =$

$738 - 382 =$

Complete each statement with the correct term.

The answer to an **addition** problem is the _____.

The answer to a **subtraction** problem is the _____.

The answer to a **multiplication** problem is the _____.

Problem Solving

It will take Lisa 3 hours and twenty-five minutes to make a loaf of bread from start to finish. She will start at 9:20a.m. When will the bread be done?

Write number sentences using 7, 5, and 35.

_____ x _____ = _____

_____ x _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

Week of July 10

Show your work.

Order the numbers from least to greatest.

491, 114, 149

5,932 5,392 5,293

Find the sum.

$$73,674 + 29,731 =$$

$$87,435 + 2,961 =$$

Find the difference.

$$5846 - 3218 =$$

$$32,763 - 29,159 =$$

Find the product.

$$3 \times 9 =$$

$$8 \times 7 =$$

$$9 \times 8 =$$

$$5 \times 3 =$$

$$6 \times 4 =$$

$$7 \times 9 =$$

$$2 \times 8 =$$

$$8 \times 8 =$$

$$5 \times 5 =$$

$$6 \times 7 =$$

Problem Solving

On Saturday night, Ali started to baby-sit at 5:30p.m. She baby-sat for 3 hours and 10 minutes. What time was it when she was finished?

Divide

$$63 \div 9 =$$

$$45 \div 5 =$$

$$32 \div 4 =$$

$$64 \div 8 =$$

$$49 \div 7 =$$



$$12 \div 3 =$$

$$25 \div 5 =$$

$$21 \div 3 =$$

<p>Round each of the following numbers to the nearest hundred.</p> <p>7,462 _____</p> <p>68,438 _____</p> <p>874,924 _____</p> <p>6,515,360 _____</p> <p>23,316 _____</p>	<p>Addition</p> <p>What is the sum of the numbers on the face of a clock?</p>										
<p>Find the difference.</p> <p>8351 – 823=</p> <p>6832 – 2797=</p>	<p>Find the product.</p> <table> <tr> <td>3 x 3=</td><td>7 x 7=</td></tr> <tr> <td>8 x 8=</td><td>5 x 5=</td></tr> <tr> <td>6 x 6=</td><td>4 x 4=</td></tr> <tr> <td>2 x 2=</td><td>9 x 9=</td></tr> <tr> <td>0 x 0=</td><td>10 x 10=</td></tr> </table>	3 x 3=	7 x 7=	8 x 8=	5 x 5=	6 x 6=	4 x 4=	2 x 2=	9 x 9=	0 x 0=	10 x 10=
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<p>Problem Solving: Mystery Number</p> <p>I am an even number between 10 and 30. You can add 4 to me and get the sum of 10 and 10. What number am I?</p>	<p>Write number sentences using 3, 8, and 24.</p> <p>_____ x _____ = _____</p> <p>_____ x _____ = _____</p> <p>_____ ÷ _____ = _____</p> <p>_____ ÷ _____ = _____</p>										

<p>Write the following numbers in order from least to greatest.</p> <p>1,093 983 1,211 919</p> <p>_____</p> <p>_____</p> <p>8,730 8,073 8,703</p> <p>_____</p> <p>_____</p>	<p>Find the sum.</p> <p>3,614 + 2,902=</p> <p>8,465 + 8,165=</p>																														
<p>Find the difference.</p> <p>8820 – 638=</p> <p>1942 – 723=</p>	<p>Write the fact for the array shown.</p> <table border="1"><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> <p>_____</p>																														
<p>Problem Solving</p> <p>Jack bought a new collar and leash for his dog. The total was \$7.50. He paid with a ten-dollar bill. How much change did he receive?</p>	<p>6. Divide</p> <p>27 ÷ 3= _____ 30 ÷ 6= _____</p> <p>72 ÷ 9= _____ 24 ÷ 8= _____</p> <p>42 ÷ 7= _____ 54 ÷ 9= _____</p> <p>20 ÷ 5= _____ 12 ÷ 4= _____</p>																														

<p>Place Value-</p> <p>Which of the following is another way to write one hundred fifteen thousand two hundred twenty-four?</p> <p> <input type="radio"/> A 115,224 <input type="radio"/> B 101,524 <input type="radio"/> C 115,424 <input type="radio"/> D 151,224 </p>	<p>Find the sum.</p> <p>$2,899 + 4,346 =$</p> <p>$93,019 + 23,999 =$</p>										
<p>Find the difference.</p> <p>$1578 - 689 =$</p> <p>$1652 - 797 =$</p>	<p>Find the product.</p> <table border="0"> <tr> <td>$2 \times 7 =$</td> <td>$7 \times 1 =$</td> </tr> <tr> <td>$4 \times 6 =$</td> <td>$8 \times 5 =$</td> </tr> <tr> <td>$5 \times 8 =$</td> <td>$3 \times 6 =$</td> </tr> <tr> <td>$2 \times 3 =$</td> <td>$4 \times 2 =$</td> </tr> <tr> <td>$1 \times 8 =$</td> <td>$9 \times 7 =$</td> </tr> </table>	$2 \times 7 =$	$7 \times 1 =$	$4 \times 6 =$	$8 \times 5 =$	$5 \times 8 =$	$3 \times 6 =$	$2 \times 3 =$	$4 \times 2 =$	$1 \times 8 =$	$9 \times 7 =$
$2 \times 7 =$	$7 \times 1 =$										
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<p>Problem Solving: Mystery Number</p> <p> $A = C - D$ $B = D - 2$ $C = B + B$ $D = \text{the difference between } 24 \text{ and } 14$ </p> <p>A= _____</p> <p>B= _____</p> <p>C= _____</p> <p>D= _____</p>	<p>Fraction- Write the fraction of the shaded amount.</p> <div style="display: flex; align-items: center; margin-bottom: 20px;">  <div style="margin-left: 20px;">_____</div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;">_____</div> </div>										

Multiplying by 7, 8 and 9 (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

Add, Subtract and Multiply (A)

Find each sum, difference or product.

$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$
$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 11 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$
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$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 10 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 10 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$

Fill each empty box, in order, combining the numbers from the previous 2 boxes.

26	+11		-36		+45		-40	
								+6
	+19		-26		+26	46		
+8								-7
	-18		+10		+6		+16	

40			+30				+29	
-35		-26		-26		-39		+12
+38		+14		+13		-4		-41
	-22				+24			7