Dear Fifth Grade Students,

Here is your summer Math packet. Along with the worksheets I would like you to complete the following IXL modules:

Module A: Lessons 1 and 2

Module B: Lesson 2

Module C: Lessons 2, 5, and 20

Module K: Lessons 4 and 5

Module L: Lesson 4

Module M: Lessons 11, 12, and 13

I ask that you try your best to complete as much of the work as possible and if you have any questions or problems feel free to contact me. My email address is ldelillo@visitationacademy.org. I am looking forward to seeing you all in September. I know that we are going to have a great year together. I hope you all enjoy your summer!!

Sincerely,

Mrs. DeLillo

Mrs. DeLillo

NAME _____

Lesson 2.1 Understanding Place Value (to hundreds)

Write each number in expanded form.

	a	b	c	d
1.	54	608	32	421
	50+4			
2.	430	549	75	699
3.	one hundred thirty-two	seven hundred twenty-one	thirty-nine	eighty-seve
4.	nine hundred eleven	five hundred thirteen	one hundred ninety	seventy

Write the numerical value of the digit in the place named.

	a	b	c	d
5.	872 tens	934 hundreds	326 ones	304 ones
	70			
6.	799 hundreds	663 tens	309 tens	995 hundreds

Write the number word.

7. 85,034

_____

8. 11,987

_____

NAME _____

Lesson 2.2 Understanding Place Value (to hundred thousands)

Write the number word.

1. 152,731

_____

2. 985,685

_____

Tell the digit in the place named.

	a	b
3.	50,975 ten thousands _____	986,580 hundred thousands _____
4.	179,802 thousands _____	506,671 ten thousands _____
5.	865,003 ten thousands _____	997,780 hundred thousands _____

Write each number in expanded form.

6.	653,410 _____	76,982 _____
7.	sixty-two thousand five hundred twelve _____	103,254 _____
8.	199,482 _____	32,451 _____

NAME _____

Lesson 2.3 Rounding

Round 15,897 to the nearest thousand.
Look at the hundreds digit. 15,8̲97

8 is greater than or equal to 5, so round 5 to 6 in the thousands place. Follow with zeros.

16,000

Round 234,034 to the nearest hundred.
Look at the tens digit. 234,0̲34

3 is less than 5, so 0 stays in the hundreds place. Follow with zeros.

234,000

Round to the nearest ten.

	a	b	c	d	e	f
1.	6,421	5,882	45,288	975	13,936	842
	_____	_____	_____	_____	_____	_____
2.	9,855	26,917	984	95,645	8,673	29,981
	_____	_____	_____	_____	_____	_____

Round to the nearest hundred.

3.	325,793	49,832	123,652	24,635	199,794	79,342
	_____	_____	_____	_____	_____	_____
4.	798,759	58,345	9,873	8,375	10,097	1,987,654
	_____	_____	_____	_____	_____	_____

Round to the nearest thousand.

5.	567,523	93,567	4,378	12,499	747,399	9,385
	_____	_____	_____	_____	_____	_____
6.	987,436	346,436	98,345	8,564	75,459	187,349
	_____	_____	_____	_____	_____	_____

NAME _____

Lesson 4.9 Multiplying 3 Digits by 2 Digits (renaming)

Multiply.

	a	b	c	d	e	f
1.	315 × 30	527 × 42	287 × 21	242 × 70	209 × 30	813 × 17
2.	140 × 32	196 × 23	673 × 92	542 × 48	604 × 40	150 × 45
3.	713 × 67	900 × 42	198 × 72	513 × 58	841 × 71	379 × 84
4.	125 × 73	706 × 31	448 × 33	809 × 12	615 × 73	458 × 83

NAME _____

Lesson 5.9 Dividing 4 Digits

$21 \div 6 = 3$ remainder 3

$$\begin{array}{r} 3 \\ 6\overline{)2142} \\ -18\downarrow \\ \hline 34 \end{array}$$

$34 \div 6 = 5$ remainder 4

$$\begin{array}{r} 35 \\ 6\overline{)2142} \\ -18\downarrow \\ \hline 34 \\ -30\downarrow \\ \hline 42 \end{array}$$

$42 \div 6 = 7$

$$\begin{array}{r} 357 \\ 6\overline{)2142} \\ -18\downarrow \\ \hline 34 \\ -30\downarrow \\ \hline 42 \\ -42 \\ \hline 0 \end{array}$$

Divide.

	a	b	c	d	e
1.	$4\overline{)4,783}$	$4\overline{)1,207}$	$5\overline{)3,901}$	$2\overline{)9,131}$	$5\overline{)3,197}$
2.	$2\overline{)6,641}$	$7\overline{)3,440}$	$5\overline{)5,517}$	$8\overline{)4,304}$	$3\overline{)6,365}$
3.	$3\overline{)8,421}$	$1\overline{)7,412}$	$2\overline{)2,258}$	$1\overline{)7,293}$	$2\overline{)8,473}$

Addition and Subtraction of Mixed Numbers with Like Denominators

To add or subtract mixed numbers with like denominators, first add or subtract the fractions. Then add or subtract the whole numbers and simplify.

Find: $1\frac{1}{8} + 2\frac{5}{8}$

Add the fractions.	Add the whole numbers. Simplify.
$1\frac{1}{8}$ $+2\frac{5}{8}$ $\frac{6}{8}$	$1\frac{1}{8}$ $+2\frac{5}{8}$ $3\frac{6}{8} = 3\frac{3}{4}$

Find: $8\frac{5}{9} - 4\frac{2}{9}$

Subtract the fractions.	Subtract the whole numbers. Simplify.
$8\frac{5}{9}$ $-4\frac{2}{9}$ $\frac{3}{9}$	$8\frac{5}{9}$ $-4\frac{2}{9}$ $4\frac{3}{9} = 4\frac{1}{3}$

Add. Simplify.

	a	b	c	d	e
1.	$2\frac{1}{4}$ $+3\frac{1}{4}$ $5\frac{2}{4} = 5\frac{1}{2}$	$3\frac{2}{4}$ $+6\frac{1}{4}$	$9\frac{3}{5}$ $+5\frac{1}{5}$	$6\frac{1}{8}$ $+2\frac{3}{8}$	$4\frac{3}{10}$ $+5\frac{3}{10}$
2.	$8\frac{1}{5}$ $+9\frac{3}{5}$	$6\frac{1}{4}$ $+9\frac{2}{4}$	$6\frac{1}{3}$ $+5\frac{1}{3}$	$12\frac{2}{5}$ $+9\frac{1}{5}$	$12\frac{2}{9}$ $+4\frac{4}{9}$

Subtract. Simplify.

	a	b	c	d	e
3.	$4\frac{11}{12}$ $-2\frac{1}{12}$ $2\frac{10}{12} = 2\frac{5}{6}$	$3\frac{7}{8}$ $-2\frac{3}{8}$	$6\frac{7}{12}$ $-2\frac{5}{12}$	$5\frac{9}{10}$ $-3\frac{7}{10}$	$7\frac{5}{6}$ $-2\frac{1}{6}$
4.	$7\frac{6}{8}$ $-4\frac{4}{8}$	$6\frac{3}{8}$ $-1\frac{1}{8}$	$8\frac{4}{5}$ $-3\frac{2}{5}$	$5\frac{5}{12}$ $-4\frac{1}{12}$	$8\frac{7}{10}$ $-4\frac{3}{10}$

Rounding Decimals

Rounding decimals can be used to tell **approximately** how many. You can use a number line to round decimals.

Remember, when a number is halfway, always round up.

Round 42.3 to the nearest one.

42.3 is closer to 42 than to 43.
42.3 rounds down to 42.

Round $5.78 to the nearest dollar.

$5.78 is closer to $6 than to $5.
$5.78 rounds up to $6.

Round 7.25 to the nearest tenth.

7.25 is halfway between 7.2 and 7.3.
7.25 rounds up to 7.3.

Round to the nearest one.

	a	b	c	d
1. 3.8	4	2.5	1.9	7.3
2. 39.6		82.3	78.9	50.5

Round each amount to the nearest dollar.

	a	b	c	d
3. $9.15	$9.00	$3.67	$1.42	$73.07
4. $0.98		$3.49	$10.10	$25.50

Round to the nearest tenth.

	a	b	c	d
5. 0.36	0.4	0.72	0.83	0.45
6. 82.78		29.93	85.54	60.04

Add. Write zeros as needed.

	a	*b*	*c*
1.	5.7 +0.2	4.4 +2.8	4 2.9 +3 3.5
2.	1.3 1 +6.0 2	2.3 2 +1.9 6	2 4.2 7 +1 3.6 4
3.	$3 2.5 1 +$1 8.7 5	$6.3 2 +$3.4 2	$5 7.9 4 +$2 1.5 7
4.	1 6 5.3 +1 2 8.9	8 0.0 7 +1 8.6	0.8 9 +0.3 6

Line up the digits. Then find the sums. Write zeros as needed.

	a	*b*	*c*
5.	0.9 + 0.6 = _____ *0.9* *+0.6*	1.7 + 2.8 = _____	54.3 + 41.5 = _____
6.	$6.37 + $4.21 = _____	$0.23 + $8.76 = _____	$67.95 + $22.05 = _____
7.	8.815 + 0.173 = _____	4.321 + 9.876 = _____	2.843 + 1.562 = _____
8.	9.5 + 2 = _____	14 + 3.2 = _____	0.6 + 16 = _____