



Math Parent Letter

The purpose of this newsletter is to give parents a better understanding of the math concepts taught in each Module. We want to make the connection at home by providing the strategies used in the classroom. This will facilitate help with homework, review and assessments to ensure academic progress during this year.

KINDERGARTEN ADDITION AND SUBTRACTION 0-10

Vocabulary: add, addition, sentence, all, and, are, left, equal, sign, is, equal, to, join, minus, number, pair, number, sentence, pair, plus, same, amount, as, separate, subtract, subtraction sentence take apart, take away

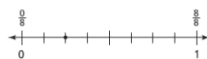
Example:

 $4 + 2$ $5 + 2$ $5 + 3$
 $3 - 1$ $4 - 1$ $4 - 2$
 $6 + \underline{\quad} = 10$

THIRD GRADE NUMBER AND OPERATIONS FRACTIONS

Vocabulary: Benchmark, Fraction, Denominator, Eighths, Equal Parts Equivalent Fractions, Fourths, Fraction, Fraction Greater than 1, Halves, Mixed Number, Number Line, Numerator, Sixths, Thirds, Unit Fractions

Example:



Five of the triangles in this set are shaded.



Which fraction names the part of the set that is **not** shaded?

Which number line shows a fraction equivalent to $\frac{5}{8}$?

- A
- B
- C
- D

A $\frac{5}{6}$

B $\frac{4}{5}$

C $\frac{1}{5}$

D $\frac{1}{6}$

What fraction names the point on the number line?



A $\frac{5}{6}$

B $\frac{4}{6}$

C $\frac{2}{6}$

D $\frac{1}{6}$

FIRST GRADE PLACE VALUE AND NUMBER SENSE

Vocabulary: Digit, Hundred is greater than > is less than < ones ten

Example

Which shows how many tens and ones?



- 1 ten 7 ones
- 7 tens 1 one
- 10 tens 7 ones

Which symbol can you use to compare the numbers?



24 34

- >
- =
- <

FOURTH GRADE MODULE 2: MULTI-DIGIT MULTIPLICATION

Vocabulary: benchmark, fraction, common denominator, common factor, common multiple, decomposing, denominator, equivalence, equivalent fractions, fraction greater than 1, growing, line plots, mixed number, number lines, numerator, repeating rule, simplest form, unit fraction, whole number

Example:

Nikki uses shapes to create a repeating pattern.



What figure is missing in the pattern?

- A
- B
- C
- D

Which number pattern shows the rule subtract 4, multiply by 3?

- A 1, 7, 14, 21, 28, 35, 42
- B 5, 1, 9, 5, 1, 9, 5
- C 6, 2, 6, 2, 6, 2, 6
- D 7, 4, 16, 13, 52, 49

SECOND GRADE THREE DIGIT ADDITION AND SUBTRACTION STRATEGIES

Vocabulary: Addend, Addition, Add, Compose, Decompose, Difference, Digit, Place value, Regroup, Subtraction

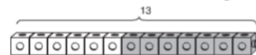
Tommy subtracts 124 from 368.

What is the difference?

- 232
- 244
- 432
- 442

Workmat		
Hundreds	Tens	Ones
3	6	8
1	2	4
<input type="text"/>	<input type="text"/>	<input type="text"/>

Write the number that is missing from both number sentences.



Since $6 + \square = 13$, then $13 - 6 = \square$.

The following websites can be used as a resource for parents and students at home:



<https://www.khanacademy.org/>



<http://www.fsagames.com/>



<http://www.abcya.com/>

FIFTH GRADE DECIMALS

Vocabulary: Base, Base 10, numerals (standard form), Benchmark, Compare, Decimal, Decimal points, Equal to, Estimate, expanded form, Exponents, Greater than, Less than, Model, Multiple of 10 Number, name (written form), Pattern, Place value positions, Power of 10, Product Properties of operations, Quotient, Round Strategies Symbols,

Example:

Use the expression below.
 $43 \div 10$

Which tells the direction and how many places the decimal point will move from 43 to find the quotient?

- A The decimal point will move one place to the left.
- B The decimal point will move two places to the left.
- C The decimal point will move two places to the right.
- D The decimal point will move one place to the right.

What is 45.67 written in expanded form?

- A $40 + 5 + 0.6 + 0.07$
- B $40 + 0.5 + 0.06 + 0.007$
- C $40 + 5 + 0.6 + 0.007$
- D $4 + 5 + 0.06 + 0.007$

What is

$$6 \times 10^2 + 1 \times 10 + 9 \times \left(\frac{1}{10}\right) + 3 \times \left(\frac{1}{1000}\right)$$

written in standard form?

- A 619.003
- B 610.903
- C 610.093
- D 61.903

Jun ran 100 meters in 15.2 seconds. Carla ran the same distance in 15.08 seconds. Which number sentence correctly compares these decimals?

- A $15.2 < 15.08$
- B $15.2 = 15.08$
- C $15.08 < 15.2$
- D $15.08 > 15.2$

Ryan walks 3.5 miles each morning. If he walks each day for 14 days, how far has Ryan walked in all?

- A 49 miles
- B 39.4 miles
- C 24.5 miles
- D 17.5 miles

Loughman Oaks Elementary

Home of the Owls!

