

PLACE VALUE

NAME: _____ Math Menu

WRITE ABOUT IT

How does understanding place value help you to add and subtract large numbers? Use examples to support your answer.

Make a word web for the concept:
PLACE VALUE

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

349 rounded to the nearest hundred is 400.

TEACH THE CLASS

Make a video or plan a presentation about how to use a number line to round a number to the nearest hundred.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of place value.

MAKE A LIST

Make a list of instances when you might need to round large numbers in real life.

DESIGN A POSTER

Design a poster for one of the following skills:
place value
rounding
comparing numbers

Draw a picture to show different ways to represent the following number:

879

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve which involves rounding a number to the nearest 10 or 100.

Addition

Name: _____ Math Menu

Write about it

What strategies can you use to add large numbers?

Make a word web for the word:
ADDITION

WORD WEB

Find the error

Find, explain, and fix the error:

$$\begin{array}{r} 1 1 \\ 369 \\ + 52 \\ \hline 411 \end{array}$$

teach the class

Make a video or plan a presentation about how to add two 3-digit numbers using the standard algorithm.

student CHOICE

Come up with your own way to demonstrate your understanding of addition.

Make a list

Make a list of 10 different ways to reach a sum of 614.

Design a poster

Design a poster to show how to break large numbers apart in order to add them.

Draw a model with base-ten blocks to show how to add:

$$329 + 256$$

DRAW a PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves addition.

SUBTRACTION

NAME: _____ Math Menu

WRITE ABOUT IT

How are addition and subtraction related? Use examples to support your answer.

Make a word web for the word:
SUBTRACTION

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

$$\begin{array}{r} 536 \\ - 45 \\ \hline 511 \end{array}$$

TEACH THE CLASS

Make a video or plan a presentation about how to subtract large numbers with regrouping.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of subtraction.

MAKE A LIST

Make a list of 10 different ways to reach a difference of 219.

DESIGN A POSTER

Design a poster to show how you can use an open number line to subtract a 2-digit number from a 3-digit number.

Draw a model with base-ten blocks to show how to subtract:

$$532 - 226$$

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves subtraction.

MATH FACTS

NAME: _____ Math Menu

WRITE ABOUT IT

How are multiplication and division facts related? Use examples to support your answer.

Make a word web for the skill:

MATH FACTS

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

$$2 \times 3 = 6$$

$$3 \times 2 = 6$$

$$3 \div 6 = 2$$

$$2 \div 6 = 3$$

TEACH THE CLASS

Come up with a fun song, rhyme, riddle, or trick to share with your classmates for remembering a specific math fact.

STUDENT CHOICE

Come up with your own way to demonstrate your mastery of math facts.

MAKE A LIST

Make a list of different strategies for memorizing your math facts.

DESIGN A POSTER

Design a poster to show all the different strategies that you can use to learn your math facts.

Draw arrays to illustrate 5 different math facts.

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves multiplication or division facts.

MULTIPLICATION

NAME: _____ Math Menu

WRITE ABOUT IT

How can you use multiplication facts to multiply larger numbers?
Use examples to support your answer.

Make a word web for the word:
MULTIPLICATION

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

$$5 \times 40 = 20$$

TEACH THE CLASS

Make a video or plan a presentation about how to multiply a 1-digit number by a number that is a multiple of 10.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of multiplication.

MAKE A LIST

Make a list of how multiplication is used in the real world.

DESIGN A POSTER

Design a poster to show how to use different multiplication properties to solve multiplication problems.

Draw a model with base-ten blocks to show how to multiply:

$$7 \times 50$$

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves multiplying a 1-digit number by a multiple of 10.

ARITHMETIC PATTERNS

NAME: _____ Math Menu

WRITE ABOUT IT

Write about the different patterns that you notice in a multiplication table?

Make a word web for the word:
PATTERNS

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

4, 8, 12, 15, 19, 23

TEACH THE CLASS

Make a video or plan a presentation to share a pattern of your choice. Be ready to share the different things you notice about your pattern.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of arithmetic patterns.

MAKE A LIST

Make a list of different patterns that can be found in the real world.

DESIGN A POSTER

Design a poster to show how you can use skip counting to solve math problems.

Draw a picture of a non-numeric pattern.

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves skip counting.

FRACTIONS

Name: _____ Math Menu

WRITE ABOUT IT

Explain what a fraction is and the different ways that you can represent a fraction.

Make a word web for the word:
FRACTIONS

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

$$\frac{1}{2} < \frac{2}{4}$$

TEACH THE CLASS

Make a video or plan a presentation about how to use a number line to represent fractions.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of fractions.

MAKE A LIST

Make a list of different ways that fractions are used in the real world.

DESIGN A POSTER

Design a poster to show how to find equivalent fractions.

Draw pictures to show different ways to represent $\frac{1}{2}$.

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves comparing fractions.

telling time

NAME: _____ Math Menu

Write about it

What is elapsed time?
What strategies can
you use to calculate
elapsed time?

Make a word web
for the skill:

TELLING TIME

WORD WEB

Find the error

Find, explain, and
fix the error:

Party Start Time: 12:45 PM

Party End Time: 2:30 PM

The party lasted 2 hours
and 15 minutes.

teach the class

Make a video or
plan a presentation
about how to use a
number line to show
elapsed time.

student Choice

Come up with your own
way to demonstrate
your understanding
of telling time.

Make a list

Make a list of
different ways that
time is used in your
daily life.

Design a poster

Design a poster that shows
your class schedule or a
schedule that you follow
at home. Be sure to include
a start time, end time, and
total time for each activity.

Draw a clock to
show the time:

7:48

DRAW a picture

WORD PROBLEM

Write a word
problem for a
classmate to solve
that involves
elapsed time.

MEASUREMENT

Name: _____ Math Menu

Write about it

Explain the difference between the volume and mass of an object.
Use examples to support your answer.

Make a word web for the word:
MEASUREMENT

WORD WEB

Find the error

Find, explain, and fix the error:

The volume of a bath tub is about 200 grams.

teach the class

Make a video or plan a presentation about how to use a ruler to measure an object to the nearest $\frac{1}{2}$ inch.

student CHOICE

Come up with your own way to demonstrate your understanding of measurement.

Make a list

Make a list of different ways that measurement skills are used in the real world.

Design a poster

Design a poster to show the relationship between cups, pints, quarts, and gallons.

Draw and label pictures of different items that would be measured using cups, pints, quarts, and gallons.

DRAW a picture

WORD PROBLEM

Write a word problem for a classmate to solve that involves a measurement of volume or mass.

GRAPHING data

NAME: _____ Math Menu

WRITE ABOUT IT

How are different types of graphs used to organize data?

Make a word web for the skill:

GRAPHING DATA

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:

Favorite Colors ☺ = 2 students	
Red	☺☺☺☺☺
Blue	☺☺☺
Yellow	☺☺☺☺

2 more students prefer red than students who prefer blue.

TEACH THE CLASS

Make a video or plan a presentation about how to use data to make a bar graph.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of graphing data.

MAKE A LIST

Make a list of different places where you might find different types of graphs.

DESIGN A POSTER

Design a poster that shows examples of different types of graphs.

Draw a pictograph based on the tally chart.

Goals Scored	
Game 1	I
Game 2	
Game 3	II

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves making a graph.

geometry

NAME: _____ Math Menu

WRITE ABOUT IT

Explain the difference between perimeter and area. Use examples to support your answer.

Make a word web for the word:
GEOMETRY

WORD WEB

FIND THE ERROR

Find, explain, and fix the error:



$$\text{Perimeter} = 33 \text{ ft}$$

TEACH THE CLASS

Make a video or plan a presentation about how to find the perimeter and area of a rectangle.

STUDENT CHOICE

Come up with your own way to demonstrate your understanding of geometry.

MAKE A LIST

Make a list of different items in your classroom or home that are the shape of different triangles or quadrilaterals.

DESIGN A POSTER

Design a poster that shows how to equally partition a shape into fractional parts.

Draw a picture using different quadrilateral shapes.

DRAW A PICTURE

WORD PROBLEM

Write a word problem for a classmate to solve that involves finding area or perimeter.