

# PLACE VALUE

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Use a number line to show how to round 3,865 to the nearest hundred.

Make a word web for the concept:  
**PLACE VALUE**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number in the hundred thousands. Then write 5 place value clues for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about any place value concept or skill.

## STUDENT CHOICE

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

## MAKE A LIST

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

(Ideas to consider: word form, comparing, ordering, rounding)

## DESIGN A POSTER

Design a poster for one of the following skills:

place value

rounding

comparing numbers

ordering numbers

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

32,809

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve which involves comparing two numbers in the millions.

# Addition

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Use a number line to show how to add 297 to 3,764.

Make a word web for the word:  
**ADDITION**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number in the ten thousands. Then write 3 to 5 addition clues for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about how to add multi-digit numbers with regrouping.

## STUDENT CHOICE

Come up with your own way to demonstrate your understanding of addition of multi-digit numbers.

## MAKE A LIST

Make a list of 10 different ways to reach a sum of 45,614.

## DESIGN A POSTER

Design a poster to show how to add multi-digit numbers with regrouping.

Use pictures or symbols to illustrate the following properties of addition:  
Commutative  
Associative  
Identity

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves adding two multi-digit numbers.

# SUBTRACTION

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Use a number line to show how to subtract 387 from 5,263.

Make a word web for the word:  
**SUBTRACTION**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number in the ten thousands. Then write 3 to 5 subtraction clues for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about how to subtract multi-digit numbers with regrouping.

## STUDENT CHOICE

Come up with your own way to demonstrate your understanding of subtraction of multi-digit numbers.

## MAKE A LIST

Make a list of 10 different ways to reach a difference of 17,309.

## DESIGN A POSTER

Design a poster to show how to subtract multi-digit numbers with regrouping.

Draw a picture to illustrate regrouping in the following problem:

$$54 - 29$$

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves subtracting one multi-digit number from another.

# MULTIPLICATION

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Create a number line with the multiples of 8.

Make a word web for the word:

MULTIPLICATION

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number in the ten thousands. Then write 5 clues related to multiplication facts, for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about how to multiply a multi-digit number by a single-digit number.

## 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 multiply two 2-digit numbers.

Use pictures or symbols to illustrate the distributive property.

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves multiplying two 2-digit numbers.

# division

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Use a number line and repeated subtraction to represent:

$$21 \div 3$$

Make a word web for the word:  
**DIVISION**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number in the ten thousands. Then write 5 clues related to division facts, for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about how to divide a multi-digit number by a 1-digit number.

## STUDENT CHOICE

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

## MAKE A LIST

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

## DESIGN A POSTER

Design a poster to show how to interpret remainders.

Draw a picture to illustrate:

$$65 \div 7$$

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves dividing a multi-digit number by a 1-digit number.

# FRACTIONS

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Create a number line that ranges from  $\frac{1}{8}$  to  $\frac{7}{8}$ . Then add as many other fractions as you can in between.

Make a word web for the word:  
**FRACTION**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery fraction. Then write 3 to 5 clues for a classmate to use to guess your fraction.

## TEACH THE CLASS

Make a video or plan a presentation about any fraction concept or skill.

## STUDENT CHOICE

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

## MAKE A LIST

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

## DESIGN A POSTER

Design a poster for one of the following skills:  
equivalent fractions  
adding fractions  
subtracting fractions  
multiplying fractions

Draw a picture to show at least 5 different ways to decompose  $\frac{7}{8}$ .

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves adding or subtracting fractions.

# decIMALS

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Create a number line that ranges from 0.3 to 0.4. Then fill in decimals that fall between the two. Start with 0.31, and so on.

Make a word web for the word:  
**DECIMALS**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery decimal that goes to the hundred thousandths. Then write 5 decimal place value clues for a classmate to use to guess your decimal.

## TEACH THE CLASS

Make a video or plan a presentation about how to write a fraction as a decimal.

## STUDENT CHOICE

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

## MAKE A LIST

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

## DESIGN A POSTER

Design a poster to show how to compare and order decimals.

Draw a picture to show how to compare:

0.3 and 0.29

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves comparing the price of two items.

# FACTORS & MULTIPLES

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Create a number line with the multiples of 12.

Make a word web for the word:  
**FACTORS**

## WORD WEB

## MYSTERY NUMBER

Choose a mystery number. Then write 5 clues related to factors and multiples, for a classmate to use to guess your number.

## TEACH THE CLASS

Make a video or plan a presentation about the difference between prime and composite numbers.

## STUDENT CHOICE

Come up with your own way to demonstrate your understanding of factors and multiples.

## MAKE A LIST

Make a list of all the different ways that factors and multiples might be used in the real world.

## DESIGN A POSTER

Design a poster to show your understanding of factors and multiples.

Draw a picture using objects or symbols to illustrate the first 5 multiples of 4.

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves finding the least common multiple (LCM).



# PATTERNS

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Use a number line to show the following pattern:

Start with 5, add 8.

Make a word web for the word:  
**PATTERNS**

## WORD WEB

## MYSTERY NUMBER

Create a pattern with a 2-step rule for a classmate to solve. Your classmate will need to determine the rule and the next term in the pattern.

## TEACH THE CLASS

Make a video or plan a presentation about 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 patterns.

## MAKE A LIST

Make a list of different places where you might find patterns in the real world.

## DESIGN A POSTER

Design a poster that shows different types of patterns.

Draw a picture of a non-numeric pattern.

## DRAW A PICTURE

## WORD PROBLEM

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

# MEASUREMENT

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Create a line plot to display the measurement of different items of the same type.

(Ex. Shoe sizes of your classmates, lengths of pencils in the classroom)

Make a word web for the word:

## MEASUREMENT

## WORD WEB

## MYSTERY NUMBER

Come up with a mystery number that is the length of one side of a rectangle. Use clues about the area, perimeter, and length of the other side of the rectangle, in order for your classmate to determine the missing side.

## TEACH THE CLASS

Make a video or plan a presentation about how to convert customary measurements.

## 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 explain how to convert metric measurements.

Draw a picture of different items and label each with the units that would be used to measure those items.

(Ex. The length of a pencil would be measured in centimeters or inches.)

## DRAW A PICTURE

## WORD PROBLEM

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

# geometry

NAME: \_\_\_\_\_ Math Menu

## NUMBER LINE

Draw and measure 8 angles. Then plot their measurements on a number line.

Make a word web for the word:  
**GEOMETRY**

## WORD WEB

## MYSTERY NUMBER

Come up with a mystery number that is the measurement of a missing angle. Draw a picture and use other clues to allow a classmate to determine the missing angle.

## TEACH THE CLASS

Make a video or plan a presentation about the differences between lines, line segments, and rays.

## 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 classify different types of quadrilaterals.

Draw a picture of your home or school and highlight the different angles in your drawing.

## DRAW A PICTURE

## WORD PROBLEM

Write a word problem for a classmate to solve that involves finding the measurement of a missing angle.