

# Junior Family Math Fun ~ April 2020

Choose which activities you want to do with your family at home.

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday



Show all of the different representations of \$1.45.  
How do you know you've found them all?

You will learn about Math today.

- a) Likely  
b) Unlikely      Explain your reasoning.  
c) Certain  
d) Uncertain

$$15 \times 8 = (10 \times 8) + (5 \times 8)$$

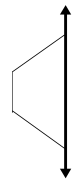
$$= 80 + 40$$

$$= 120$$

How can you use this strategy to solve  $25 \times 8$ ?  
Does this strategy always work?



Which shape doesn't belong?  
How do you know?



Complete the missing side of the shape.  
Draw all the lines of symmetry.  
How do you know you've found them all?

Here is a face of a 3-D solid.  
Which solids could this face belong to?  
How do you know?



This is a hexagon.  
How else can a hexagon look like?

$$73 - 39 = ?$$

Find 5 different ways to solve this equation.

$$2 \times 3 \times 4 = 2 \times 4 \times 3$$

True or False?  
What are some other examples?

$$23 + 7 = \_ - \_$$

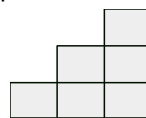
How many different ways can you make this equation true?

$$1, \_, 5, 7, \_, 11$$

Fill in the missing numbers.  
What is the pattern rule?

How does knowing  $5 \times 5$  help you figure out  $5 \times 8$ ?  
Does this strategy always work?

What's the perimeter of the shape?  
Draw some other shapes with the same perimeter.



Draw different rectangles with a perimeter of 16 units.  
How do you know you've found them all?

Draw different rectangles with a perimeter of 24 units.  
Which one has the greatest area?  
How do you know?

Perimeter (units)	Greatest Area (units squared)
4	1
8	4
12	9
16	16

Draw the shape for each perimeter and area.  
What do you notice?  
Does this always happen?

Math Game Time

<http://www.mathgametime.com/math-games>

38, 74, 11, 92

Which number doesn't belong? Why?



Write a math problem for your adult to solve.

Ask your adult to tweet your problem to: @math4fun

Your teachers and miss you!