
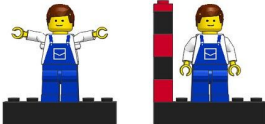







Intermediate Family Math Fun ~ April 2020

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

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Sketch the layout of a room in your home. Estimate out the area of this room.			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 25×8 ? Does this strategy always work?	
 Write a reason why each shape doesn't belong in this set.	Measure your arm span and your height.  What do you notice? Is this true for the other members of your family?		Here is a face of a 3-D solid. Which solids could this face belong to? How do you know? 		 How are these shapes the same? How are they different?	
$73 - 39 = ?$ Find 5 different ways to solve this equation.	$2 \times (-3) \times 5 = 2 \times 5 \times (-3)$ 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 5×5 help you figure out 5×8 ? Does this strategy always work?	Did you know that the circumference of your waist is roughly double the circumference of your neck? Prove it to yourself. 		Draw different trapezoids with a perimeter of 24 units. Which one has the greatest area? How do you know?		Draw a triangle. Calculate the sum of its interior angles. Draw a quadrilateral. Calculate the sum of its interior angles. Draw a pentagon. Calculate the sum of its interior angles. What do you notice?	
-3 What could this integer represent?	$38, 74, 11, 92$ Write a reason why each number doesn't belong in this set.		 Write a math problem for your adult to solve. Ask your adult to tweet your problem to: @math4fun Your teachers  and miss you!			