

Math Choice Board – Week 7

Choose 3 activities to complete. Send your responses to your Math teacher.

Use the digits, 0 through 9, without repeats, to complete the equation below.

$$\begin{array}{r}
 \square \square \\
 + \square \square \\
 \hline
 \square \square \square
 \end{array}$$

Source: www.openmiddle.com

Critter Code

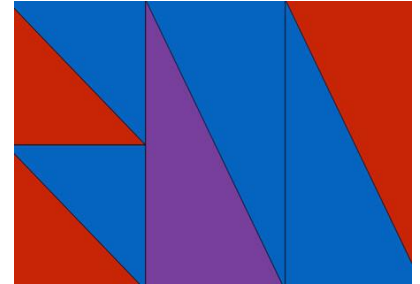
What is the value of the last row? Share your strategy with someone at home.

$$\begin{array}{l}
 \text{Panda} + \text{Panda} + \text{Panda} = 30 \\
 \text{Panda} + \text{Panda} \times \text{Monkey} = 130 \\
 \text{Monkey} \times \text{Monkey} + \text{Squirrel} = 43 \\
 \text{Squirrel} + \text{Panda} \times \text{Monkey} = ?
 \end{array}$$

Source: solvemoji.com

The Color of Fractions

What fraction of the big rectangle does each colored section represent?



Source: mathforlove.org

Inky Puzzle

Fill in the blank squares so that each row and each column contain all of the digits 1 thru 3.

Inky #1

1 -		3 ×
3 ×	12 ×	

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WOULD YOU RATHER...



Show your work to support your reasoning.

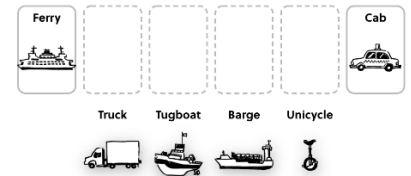
Source: wouldyourathermath.com

Order Up

For two vehicles to be next to each other, they must obey these two rules:

- *Their names share at least one letter
- *Their names do not have the same number of letters.

How many orderings are possible?



How many different orderings are possible?

Source: brilliant.org

Honey Jar

A full jar of honey weighs 750 grams, and the same jar two-thirds full weighs 550 grams. What is the weight of the empty jar in grams?



Source: brilliant.org

Driving Around

Look up the mileage on your family vehicle (one you have had for some time). Ask somebody how long you have had the vehicle, then figure out the average yearly mileage.

Use this answer to predict the vehicle's mileage reading (odometer) in five more years. Show your work.



Which One Doesn't Belong?

Which number does not belong and why? What other number does not belong and why? Repeat as many times as you can.



Source: wodbc.ca