Incoming

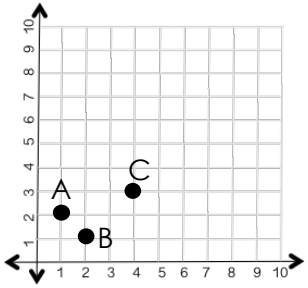
6th Grade

Summer Math Calendar

Week One

Problem	Work & Answer
List the factors of each number. a.) 24 b.) 64	
Fill in the missing number. a.) 0.24 - .128 = ? b.) 94.19 + 2.6 + ? =161.29	
Compare using <, >, or = a.) 0.245 ◯ 0.0245 b.) 24.500 ◯ 24.5 c.) 20.405 ◯ 20.45	
Write the following in expanded form: a.) 0.234 b.) 14.78	
Divide: a.) 2,936 ÷ 4 b.) 14,783 ÷ 12	

Week Two

Problem	Work & Answer
List the next ***four*** terms in the sequences with the given rule: a.) Start at 0, add three b.) Start at 0, add six c.) What is the relationship between the two sequences?	
Multiply: a.) 23.5 x 6 b.) 2.35 x 0.6 c.) 235.0 x 0.06	
Name each ordered pair. 	
Find each sum: a.) $\frac{1}{2}+\frac{1}{4}$ b.) $\frac{1}{4}+\frac{1}{3}+3\frac{7}{12}$	
Round each number to the nearest tenth: a.) 985.76 b.) 43.52 c.)0.859	

Week Three

Problem	Work & Answer
Use the order of operations to simplify each expression: a.) (6 x 3) + 72 ÷ 8 – 5 +1 b.) 3 x {[(65-49) + (42 ÷ 7)] ÷ 2 }	
Order the following from least to greatest: 0.25, 2.205, 0.502, 0.225, 2.025	
Find the **product** of each of the following: a.) 2.85 • 29 b.) $1.55 • 13 c.) 1.2 • 2.1	
If you bought 3 CD's each costing $12.99, and paid with a $50 bill. What would your change be?	
Order the fractions from least to greatest $\frac{1}{2}, \frac{2}{3}, \frac{1}{4}, \frac{2}{5}$	

Week Four

Problem	Work & Answer
Round each the nearest hundredth: a.) 2.359 b.) 0.145	
a.) How many feet are in 3 miles? b.) How many inches are in 1 yard?	
Create a line plot that shows the following data of the amount of rain in inches over the course of a week: $\frac{1}{2}, \frac{3}{4}, \frac{1}{8}, \frac{1}{4}, \frac{2}{4}, \frac{4}{8}, \frac{2}{8}$	
Find the perimeter and area of the following figure.  	
Use the number ***555.55*** to complete the following: a.) The digit in the ones place is _____ times as much as the digit in the tenths place. b.) The digit in the hundredths place is _____ times as much as the digit in the tenths place.	

Week Five

Problem	Work & Answer
Use a model to show $\frac{3}{4} \cdot \frac{1}{2}$	
a.) $\frac{5}{12} - \frac{1}{12}$ b.) $6 - \frac{3}{5}$	
Draw a triangle that is neither equilateral or isosceles.	
Estimate first and then solve. a.) 94.71 – 62.3 b.) 24.56 + 11.94	
If you tripled the number of sides of a pentagon, how many sides would the new figure have?	