Incoming

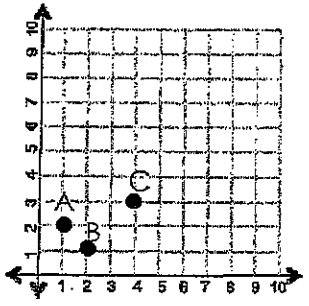
6th Grade

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. 	
Solve: 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.) $(6 \times 3) + 72 \div 8 - 5 + 1$ b.) $3 \times \{[(65-49) + (42 \div 7)] \div 2\}$	
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.) $2.85 \cdot 29$ b.) $\$1.55 \cdot 13$ c.) $1.2 \cdot 2.1$	
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
Multiply the following using any method: a.) 137 x 8 b.) 26 x 19	
Find the quotients: a.) 85 ÷ 3 b.) 346 ÷ 5	
Write each number below in word form: a.)5,470 b.) 197,306	
Casey bought 103 pieces of candy for her students who worked well in a group. The next week she bought three times as much. About how many pieces of candy did she buy in all?	
Write a fraction to describe the number of days in a week that start with the letter T.	

Week Five

Problem	Work & Answer
Solve: $5\frac{3}{8} \times 3\frac{1}{5} =$	
List the factors of each number. a.) 72 b.) 54 c.) Write the factors that 72 and 54 have in common.	
Find the sum: a.) 3,298 + 783 b.) 13,942 + 9,876	
List the **first five multiples** of each number below: a.) 3 b.) 7	
Round each to the nearest hundred thousand place a.) 243,870 b.) 953,866	

Week 6

Problem	Work & Answer
Is 63 prime or composite? Explain why.	
Decompose $3\frac{4}{9}$ by rewriting the fraction two different ways.	
Write each number in expanded form: a.) 785 b.) 3,235	
The area of a rectangle is 42 inches squared. If the width is 6 inches, what is the length?	
Find the difference (simplify your answer): a.) $\frac{5}{8} - \frac{3}{8}$ b.) $\frac{9}{12} - \frac{4}{12}$	

Week 7

Problem	Work & Answer
Sam bought 2 ice cones for each of his friends. He bought a total of 36 ice cream cones. How many friends does Sam have?	
Molly wants to buy crayons for her classmates. She has 22 classmates. There are 24 crayons in a box. How many crayons will she buy total?	
Nora walks 4 miles every morning and 2 miles every night. How many miles will she walk in 1 week?	
Ella watched 45 minutes of T.V. every day. How many minutes of T.V. did she watch total after a week?	
Toby is collecting change for a video game that costs $18.00. He has saved $12.50 so far. How much more does he need to save?	

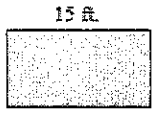
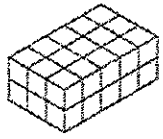
Week 8

Problem	Work & Answer
A rectangular prism has a volume of 420 cubic units. The length is 10 units. The width is 7 units. What is the height?	
Solve: $213.12 \times 28.8 =$	
Solve: $213.12 \div 28.8 =$	
Solve: $213.12 - 28.8 =$	
Solve: $18 \div 6\frac{1}{4} =$	

Week 9

Problem	Work & Answer
Carly has 46 jelly beans. She shares them equally between her 6 friends and then keeps the leftovers for herself. How many jelly beans will Carly get?	
Put in order from least to greatest on a number line: $\frac{1}{4}$ $\frac{1}{2}$ $\frac{7}{8}$ $\frac{5}{12}$	
Liz and her 3 sisters picked flowers for their mother. They each picked a dozen flowers. How many total flowers did they give their mother?	
Write >, <, or = to compare each pair of numbers. 4,872 ◯ 4,839 26,953 ◯ 27,034	
Jane's soccer team scores 5 times as many points as the other team. The other team scored 11 points. How many points did Jane's team score?	

Week 10

Problem	Work & Answer
 Area =	
A quadrilateral has _____ sides. Draw a quadrilateral below:	
Find the volume. 	
Simplify: 1) $\frac{18}{24}$ = 2) $\frac{10}{30}$ = 3) $\frac{9}{18}$ =	
Solve: $159 - (21 \times 6) \div 3 =$	