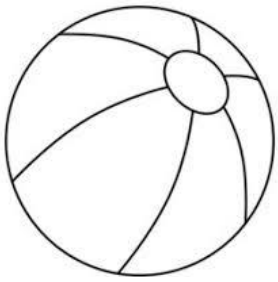


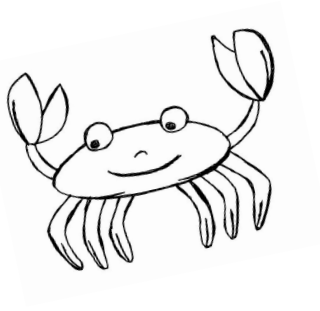
Summer Math Practice

Preparing for

Math 6

These problems are meant to prepare you to be successful in 6th-grade math next year. The packet is designed so that you can practice a variety of problems each week. It is recommended that you complete only one page of the packet each week so that you are able to keep your brain fresh from now until August! Remember to *show all of your work* in the space provided below the problem.

You may email
Mrs. Tenery (ktenery@fwc.org)
for any other summer math needs.



☀ I look forward to working with you in the fall! ☀

Student Name _____

Name _____

Students are expected to know the following:

Multiplication tables for 1-12

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

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Measurement Conversions

1 week = 7 days	1 pint = 2 cups
1 day = 24 hours	8 ounces = 1 cup
1 hour = 60 minutes	16 ounces = 1 pound
1 minute = 60 seconds	1 yard = 3 feet
1 gallon = 4 quarts	1 foot = 12 inches
1 quart = 2 pints	1 dollar = 100 cents

Vocabulary

Evaluate - to calculate the value of an expression

Simplify - to reduce an expression to its simplest form (fewest number of terms possible)

Solve - to find a value for the variable that makes an equation true

Expression - numbers, symbols, and operations (+, -, ÷, x) grouped together (*can be evaluated/simplified*)

Equation - uses an *equal sign* to show two expressions are equal to the same value (*can be solved*)

Product - the answer when two or more values are multiplied together

Quotient - the answer in a division problem

Sum - the result of adding two or more numbers

Difference - the result of subtracting two or more numbers

Name _____

Preparing for Math 6!

Week 1

Find the product. Show your work. 238×5	Round to the nearest TENTHS place: 21,456.432	Order the numbers from least to greatest. 6.86, 6.8, 7, 6.9, 6.827
Find the Greatest Common Factor between the two numbers: 22 and 55	Compare each pair of numbers by writing $<$, $>$, or $=$ in the provided circle. 9.52 ◯ 90.13	Find the sum. $452 + 389$
Write the following in standard form. $100 + 2 + 0.09$	Evaluate the following: $14 - 8 + 32$	Find the quotient. $744 \div 6$

Name _____

Preparing for Math 6!

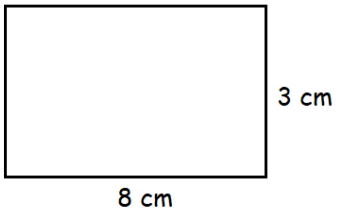
Week 2

Find the sum. $8.74 + 10.36$	Find the product. 600×14	Sarah and her 3 friends split a bag of candy evenly. They each ate 13 pieces of candy, and there were 2 pieces left over. How many pieces of candy were originally in the bag?
Convert the following measurement. 32 pints = _____ gallons	Find the quotient. $396 \div 24$	Find the Least Common Multiple (LCM) between the numbers: 5 and 25
Tanya bought 3 new sweaters for Christmas. Each sold for $19.99. How much did she spend? Show your work.	Round to the nearest HUNDREDS place: 44,690.45	Find the sum. Show your work. $\frac{7}{8} + \frac{5}{6}$

Name _____

Preparing for Math 6!

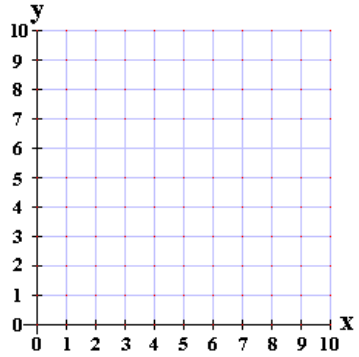
Week 3

Find the area and the perimeter.  	Compare each pair of numbers by writing $<$, $>$, or $=$ in the provided circle. $7.256 \bigcirc 7.24$	Find the quotient. $16.8 \div 12$
Round to the nearest THOUSANDS place: 15,988.35	Evaluate the following: $(48 - 6) \div 7 + 8$	Write the following in standard ad expanded form. Two thousand nine and thirty-five thousandths
Find the sum. $\frac{3}{11} + \frac{2}{3}$	Ryan spent $3.25 on lunch every day, Monday through Friday. If he had $20.00 at the start of the week, how much money did he have left after Friday?	Find the product. 756×300

Name _____

Preparing for Math 6!

Week 4

Find the mean. 16 23 40 32 12 29 17	Mrs. Kleim bought 5 boxes of 15 pencils to give to her students. If she has 26 students in her class, how many pencils can she give each student? How many pencils will she have left over? Show your work on this problem.	Find the quotient. $876 \div 2$
Graph the following points on the coordinate plane. $(0, 3),\ (2, 2),\ (5, 0)$ 	Write the following in standard form. $900 + 10 + 4 + 0.3 + 0.02$	Find the product. 22×15
Find the difference. $14.76 - 9.8$	Evaluate the following: $3 \cdot 7 - 5$	Find the Greatest Common Factor between the two numbers: 20 and 24

Name _____

Preparing for Math 6!

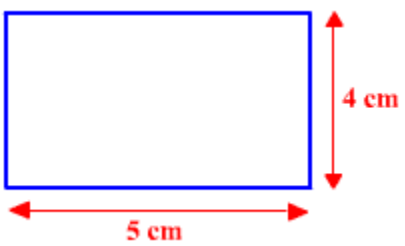
Week 5

Find the difference. Show your work. $\frac{3}{4} - \frac{5}{8}$	Find the median. 28 35 39 44 59 62 66	Round to the nearest TENTHS place: 117,316.983
Three friends went out to lunch. The bill came to $47.31. If they split the bill evenly, how much money does each friend owe?	Find the product. 19×863	Simplify the following. $36 - 9 \times 2$
Compare each pair of numbers by writing $<$, $>$, or $=$ in the provided circle. 32.9 ◯ 32.90	Find the quotient. $6 \div \frac{1}{3}$	Find the sum. $24.1 + 3.74$

Name _____

Preparing for Math 6!

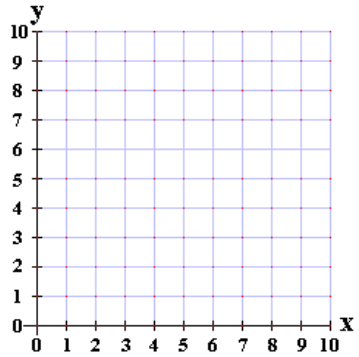
Week 6

Convert the following measurement. 48 inches = _____ feet	Write the following in expanded form. 3.962	Evaluate the following. 10^3
Find the difference. $67 - 14.06$	Order the numbers from least to greatest. 12.03, 1.2, 12.3, 1.203, 12.301	Find the difference. $12\frac{4}{5} - 9\frac{1}{10}$
Find the quotient. $8911 \div 45$	Find the area and the perimeter.  	Find the product. $\frac{1}{6} \times \frac{3}{4}$

Name _____

Preparing for Math 6!

Week 7

Graph the following points on the coordinate plane. $(8, 0),\ (4, 6),\ (2, 7)$ 	Find the product. 188×73	Find the quotient. $\frac{1}{4} \div 2$
Round to the nearest HUNDREDTHS place: 74,922.304	Jacque ran 1 ½ miles on Monday, Wednesday, and Friday and ¾ mile on Tuesday and Thursday. How far did she run in all?	Find the mean. 36 53 41 39 52 59 49
Find the Greatest Common Factor between the two numbers: 45 and 48	Find the sum. $4\frac{2}{3} + 2\frac{3}{4}$	Find the product. $\frac{1}{5} \times \frac{2}{3}$

Name _____

Preparing for Math 6!

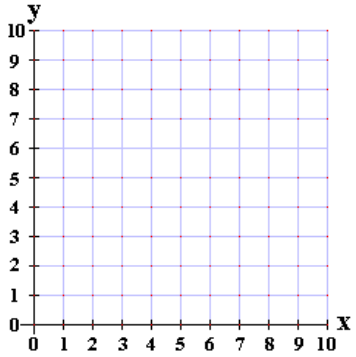
Week 8

Write the following in expanded form. $8,770.06$	Circle the prime numbers, and box the composite numbers. 14 5 9 22 1 3 18 33 7 2 16 29 13	Convert the following measurement. 6 pints = _____ cups
Find the sum. $622.86 + 53.49$	Find the quotient. $4516 \div 22$	Find the Least Common Multiple (LCM) between the following numbers: 6 and 18
Compare each pair of numbers by writing $<$, $>$, or $=$ in the provided circle. 0.02 ◯ 0.006	Tyrell gave 3 packs of baseball cards to his friends. He gave each friend $\frac{1}{3}$ of a pack. How many friends got baseball cards?	Round to the nearest TENTHS place: 823.059

Name _____

Preparing for Math 6!

Week 9

Missy's Muffins caters breakfast events. One Saturday morning, they made 2,244 muffins and packaged them into boxes of a dozen. How many boxes of muffins did Missy's Muffins make?	Write the following in standard ad expanded form. Five thousand six hundred eighty-five and twelve hundredths	Find the product. 2.91×0.5
Find the Least Common Multiple (LCM) between the numbers: 3 and 12	Round to the nearest HUNDREDTHS place: 51,339.209	Graph the following points on the coordinate plane. $(7, 3),\ (4, 8),\ (0, 9)$ 
Find the range. 410 122 485 344 120 204	Find the product. 8.9×2.5	Evaluate the following: $8 + (21 \div 3) - 5$

Name _____

Preparing for Math 6!

Week 10

Find the product. 102×11	Round to the nearest tenth. 406.732	Convert the following measurement. 8 cups = _____ ounces
Evaluate the following. 10^5	Find the Greatest Common Factor between the two numbers: 10 and 15	Find the mean. 90 93 88 86 91 77 82
Convert the following measurement. 32 ounces = _____ pounds	Compare each pair of numbers by writing $<$, $>$, or $=$ in the provided circle. 2.776 ◯ 2.767	Find the quotient. $1065 \div 15$

Name _____