Upper El Summer Math Packet

For

Fifth Graders Entering Sixth Grade

Dear Parents and Students:

We are so proud of our fifth grade students and look forward to having them in sixth grade! In order to maintain academic success, we must continue to learn, practice, and review, even over the summer. By taking time to review and practice essential math skills over the summer, students will create more opportunities to find success the following year, while preventing summer learning loss.

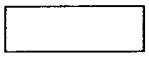
Every student will need to complete a summer math packet. This packet is due at our Before School Conference. Please wait until the summer to begin working on this packet. If you lose, misplace, or just find yourself in need of another copy, you may find one posted on the SSESH website. We hope this packet will help students feel more confident when returning to school in August. We look forward to seeing you all next year!

Please also consistently review your multiplication and division facts this summer. **This is the number one thing you can do to increase math speed and accuracy.** There are a great number of apps and websites that your student can use to work on these.

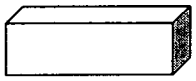
Have a wonderful summer!

Formula Card:

Rectangle - $A = l \cdot w$ $P = l + l + w + w$



Rectangular prism - $V = l \cdot w \cdot h$



Examples of different problems and the work that should accompany the problems:

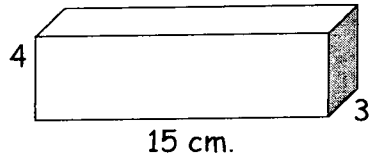
Ex. 1 If M = 5, simplify the following: M + 7

5 + 7

12

Ex. 2 Find the volume of the figures:

a)



$V = l \cdot w \cdot h$

V = 3 x 15 x 4

V = 180 cm^3

Please show any work you have done to complete each problem.

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

Summer Review - Week #1

Complete each of the problems below. Please show all of your work.

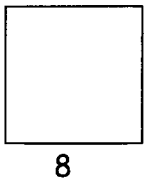
1) Reduce each of the following fractions:

a) $\frac{10}{15} =$ ___ b) $\frac{8}{12} =$ ___ c) $\frac{20}{30} =$ ___ d) $\frac{6}{9} =$ ___

e) $\frac{4}{6} =$ ___ f) $\frac{12}{14} =$ ___ g) $\frac{25}{50} =$ ___ h) $\frac{16}{20} =$ ___

2) Find the perimeter and area of the figures:

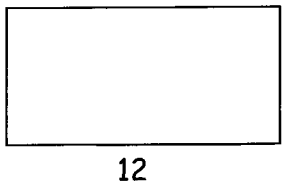
a)



P =

A =

b)



P =

A =

3) Find the greatest common factor (GCF) of the following sets of numbers:

a) 3, 4 b) 5, 10 c) 12, 26 d) 8, 12

4) If M = 10, simplify each of the following:

a) M + 6 b) M - 7 c) 15 - M d) 4M

5) Change the following fractions to mixed numbers:

a) $\frac{24}{7} =$ ___ b) $\frac{13}{2} =$ ___ c) $\frac{18}{10} =$ ___ d) $\frac{7}{5} =$ ___

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

6) Fill in the table with the corresponding fractions, decimals, and percents:

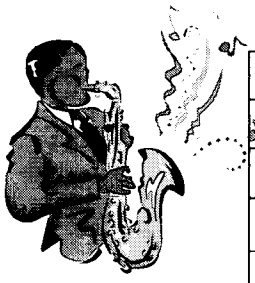
	Fractions	Decimals	Percents
a)	$\frac{1}{2}$	.5	50%
b)	$\frac{4}{25}$		%
c)	$\frac{4}{5}$		%
d)	___	.3	%

	Fractions	Decimals	Percents
j)	___	.42	%
k)	___	.56	%
l)	___		68%
m)	___		85%

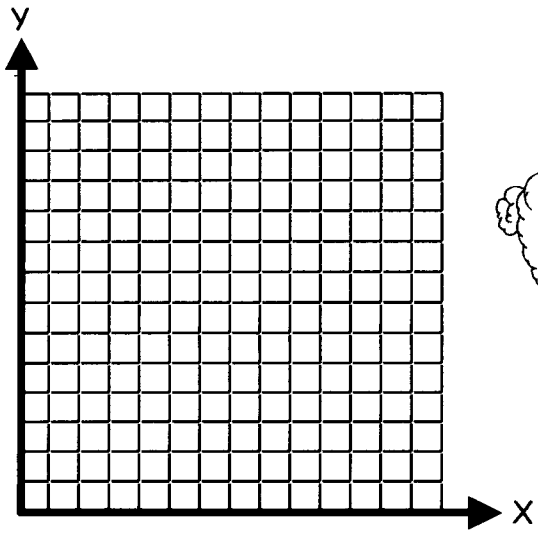
7) Change the following mixed numbers to improper fractions:

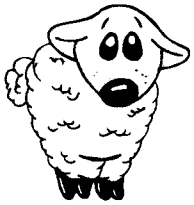
a) $3\frac{1}{8} =$ ___ b) $5\frac{4}{7} =$ ___ c) $9\frac{1}{11} =$ ___ d) $4\frac{2}{7} =$ ___

8) Graph each of the points.



X	Y
0	8
1	7
2	6
3	5
4	4
5	3
6	2
7	1





9) Maria has three red dresses, 2 white dresses, and one blue dress. What is the probability she will wear a blue dress at her party?

Show your work! Show your work! Show your work!

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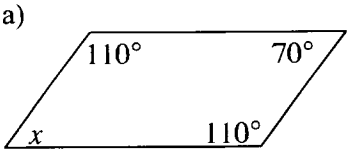
Name _____

Summer Review - Week # 2

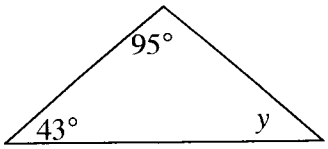
Complete each of the problems below. Please show all of your work.

1) Find the missing angles:

a)



b)



x =

y =

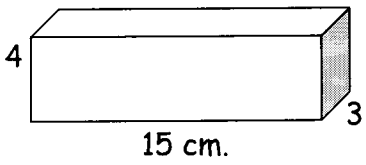
2) Find the mean, median, mode, and range of the following set of numbers: 3, 8, 12, 5

mean = median =

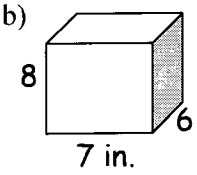
mode = range =

3) Find the volume of the figures:

a)



b)



V = _____

V = _____

4) Reduce each of the following fractions:

a) $\frac{3}{27} =$ ___ b) $\frac{4}{40} =$ ___ c) $\frac{5}{60} =$ ___ d) $\frac{6}{66} =$ ___

e) $\frac{7}{28} =$ ___ f) $\frac{8}{10} =$ ___ g) $\frac{9}{45} =$ ___ h) $\frac{10}{70} =$ ___

i) $\frac{9}{36} =$ ___ j) $\frac{14}{35} =$ ___ k) $\frac{12}{18} =$ ___ l) $\frac{22}{55} =$ ___

Show your work! Show your work! Show your work!

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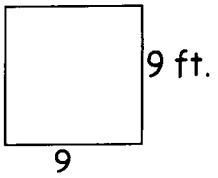
5) Find the perimeter and area of the figures:

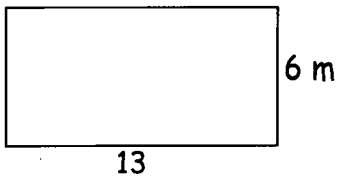
a)



P =

A =

b)



P =

A =

6) Find the greatest common factor (GCF) of the following sets of numbers:

a) 18, 27 b) 36, 40 c) 42, 50 d) 8, 15

7) If M = 54, simplify each of the following:

a) M + 7 b) M – 28 c) 91 – M d) 3M

8) Change the following fractions to mixed numbers:

a) $\frac{23}{8} =$ ____ b) $\frac{14}{3} =$ ____ c) $\frac{19}{11} =$ ____ d) $\frac{8}{7} =$ ____

e) $\frac{17}{9} =$ ____ f) $\frac{27}{8} =$ ____ g) $\frac{35}{3} =$ ____ h) $\frac{9}{4} =$ ____

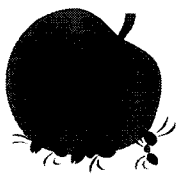
9) Find the least common multiple (LCM) of the following sets of numbers:

a) 5, 6 b) 7, 8 c) 12, 15 d) 20, 30

10) Find the mean, median, mode, and range of the following set of numbers: 5, 5, 7, 5, 9, 11, 18

mean = median =

mode = range =



Show your work! Show your work! Show your work!

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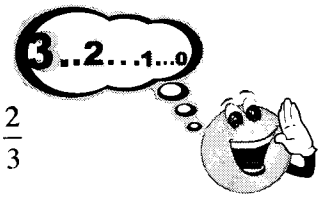
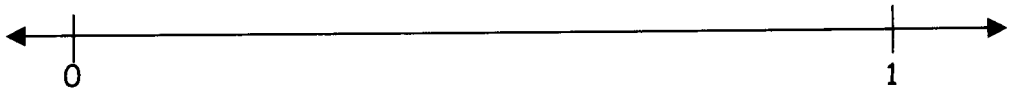
Name _____

Summer Review - Week #3



Complete each of the problems below. Please show all of your work.

1) Put the following fractions on the number line where they belong: $\frac{5}{6}, \frac{4}{5}, \frac{2}{3}$

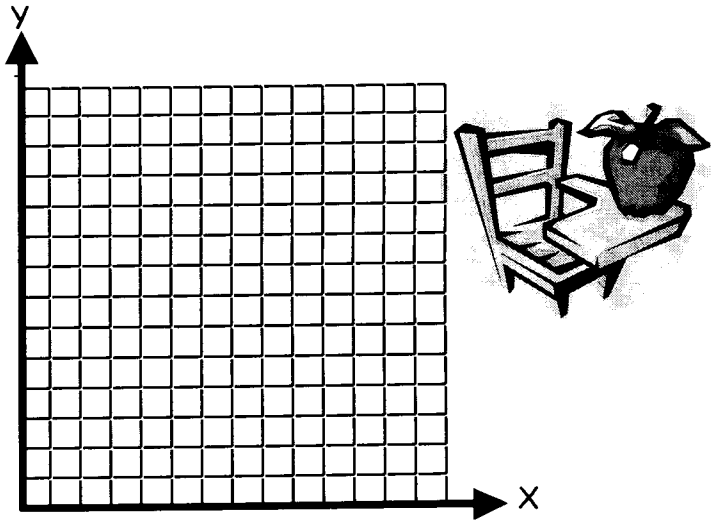


2) Find the prime factorization of each of the following numbers:

a) 18 b) 24 c) 38 d) 81

3) Graph each of the points.

X	Y
0	2
1	3
2	4
3	5
4	6
5	7
6	8
7	9



4) Frank is buying his first car and is stuck on what color it should be. He has to choose between three shades of green, two shades of blue or two shades of purple. What is the probability he will choose a green car?

5) Reduce each of the following fractions:

a) $\frac{14}{49} = \_\_\_$ b) $\frac{16}{50} = \_\_\_$ c) $\frac{36}{40} = \_\_\_$ d) $\frac{20}{25} = \_\_\_$

e) $\frac{21}{60} = \_\_\_$ f) $\frac{18}{45} = \_\_\_$ g) $\frac{24}{54} = \_\_\_$ h) $\frac{45}{75} = \_\_\_$

Show your work! Show your work! Show your work!

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6) Fill in the table with the corresponding fractions, decimals, and percents:

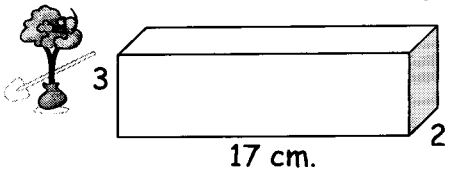
	Fractions	Decimals	Percents
a)	$\frac{1}{4}$		%
b)	$\frac{7}{20}$		%
c)	$\frac{35}{50}$		%
d)	___	.31	%

	Fractions	Decimals	Percents
j)	___	.88	%
k)	___	.11	%
l)	___		78%
m)	___		22%

7) Change the following mixed numbers to improper fractions:

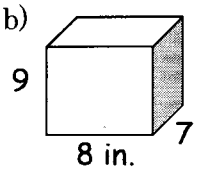
a) $1\frac{2}{5} =$ ___ b) $2\frac{3}{10} =$ ___ c) $3\frac{5}{12} =$ ___ d) $4\frac{3}{11} =$ ___

8) Find the volume of the figures:



V = _____

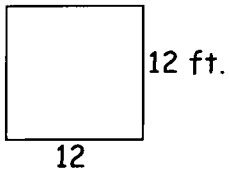
b)

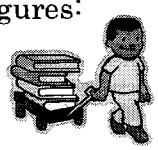


V = _____

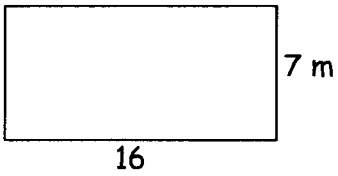
9) Find the perimeter and area of the figures:

a)





b)



P =

A =

P =

A =

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

Summer Review - Week # 4

Complete each of the problems below. Please show all of your work.

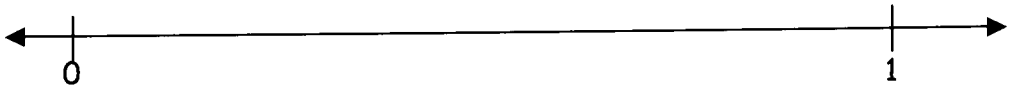
1) Change the following fractions to mixed numbers:

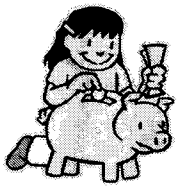
a) $\frac{27}{10} =$ ____ b) $\frac{16}{5} =$ ____ c) $\frac{21}{13} =$ ____ d) $\frac{10}{8} =$ ____

2) Find the least common multiple (LCM) of the following sets of numbers:

a) 12, 18 b) 6, 8 c) 9, 12 d) 15, 18

3) Put the following fractions on the number line where they belong: $\frac{3}{10}, \frac{4}{9}, \frac{5}{8}$



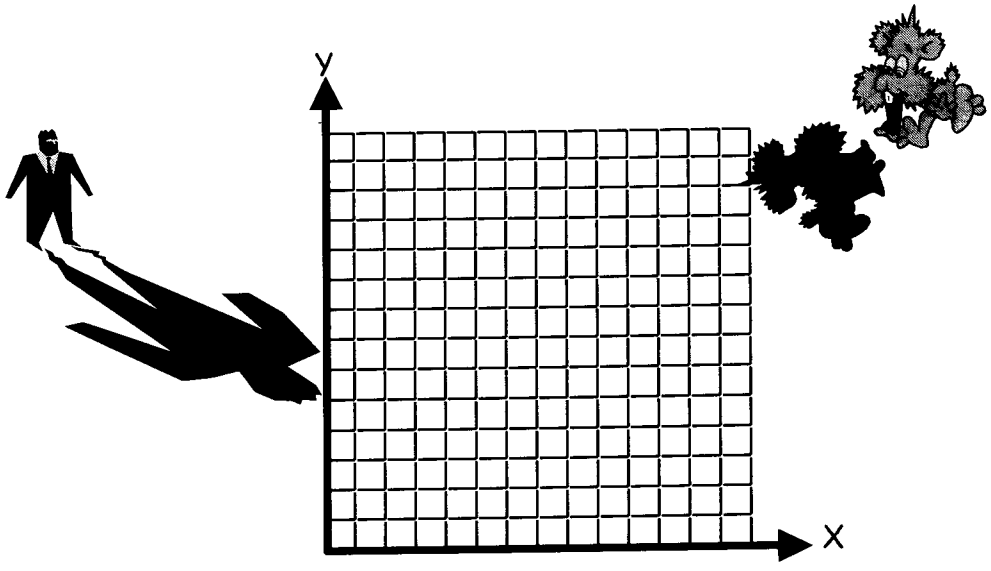


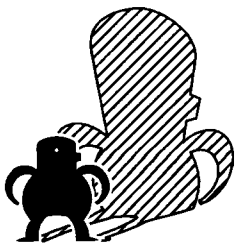
4) Find the prime factorization of each of the following numbers:

a) 25 b) 36 c) 49 d) 64

5) Graph each of the points.

X	Y
0	0
1	2
2	4
3	6
4	8
5	10
6	12
7	14

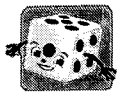




Show your work! Show your work! Show your work!

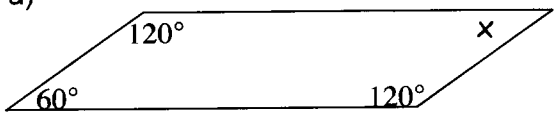
Show your work! Show your work! Show your work!

6) Alina has a six sided dice that she is rolling. What is the probability she will roll a number that is a factor of 6?

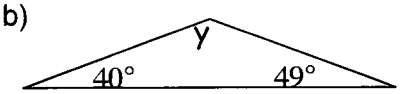


7) Find the missing angles:

a)



b)



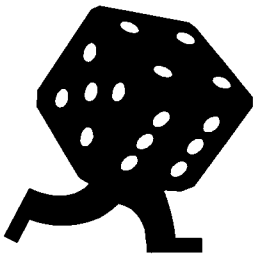
x =

y =

8) Find the mean, median, mode, and range of the following set of numbers: 9, 9, 12, 5, 4, 3, 2

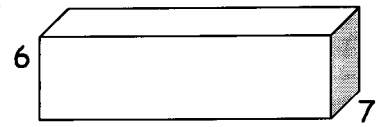
mean = median =

mode = range =



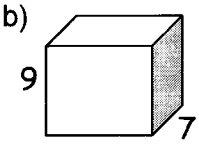
9) Find the volume of the figures:

a)



22 cm.

b)



8 in.

V = _____ V = _____

10) Reduce each of the following fractions:

a) $\frac{30}{35} = \_\_\_$ b) $\frac{20}{24} = \_\_\_$ c) $\frac{32}{64} = \_\_\_$ d) $\frac{7}{14} = \_\_\_$

e) $\frac{28}{35} = \_\_\_$ f) $\frac{40}{48} = \_\_\_$ g) $\frac{18}{42} = \_\_\_$ h) $\frac{9}{18} = \_\_\_$

11) Find the number that corresponds with each of the following prime factorizations:

a) $2^2 \cdot 3$ b) $3^2 \cdot 5$ c) $5^2 \cdot 7$ d) $7^2 \cdot 11$

Show your work! Show your work! Show your work!

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Name _____

Summer Review - Week # 5

Complete each of the problems below. Please show all of your work.

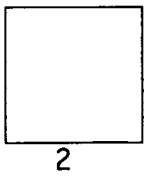
1) Reduce each of the following fractions:

a) $\frac{39}{42} =$ ___ b) $\frac{10}{18} =$ ___ c) $\frac{12}{40} =$ ___ d) $\frac{14}{56} =$ ___

e) $\frac{16}{24} =$ ___ f) $\frac{18}{54} =$ ___ g) $\frac{20}{75} =$ ___ h) $\frac{21}{28} =$ ___

2) Find the perimeter and area of the figures:

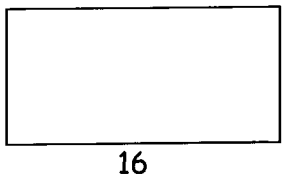
a)



P =

A =

b)



P =

A =

3) Find the greatest common factor (GCF) of the following sets of numbers:

a) 12, 16 b) 18, 20 c) 35, 42 d) 50, 60

4) If M = 27, simplify each of the following:

a) M + 9 b) M - 12 c) 32 - M d) 2M

5) Change the following fractions to mixed numbers:

a) $\frac{7}{2} =$ ___ b) $\frac{8}{3} =$ ___ c) $\frac{9}{4} =$ ___ d) $\frac{10}{6} =$ ___

e) $\frac{11}{7} =$ ___ f) $\frac{12}{8} =$ ___ g) $\frac{13}{9} =$ ___ h) $\frac{14}{10} =$ ___

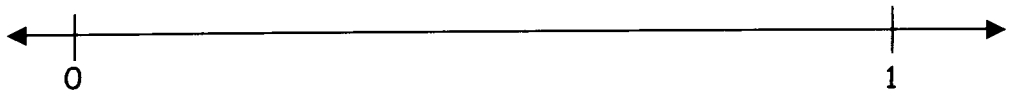
Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

6) Find the least common multiple (LCM) of the following sets of numbers:

a) 6, 7 b) 7, 12 c) 8, 16 d) 9, 12

7) Put the following fractions on the number line where they belong: $\frac{3}{5}, \frac{1}{8}, \frac{2}{7}$

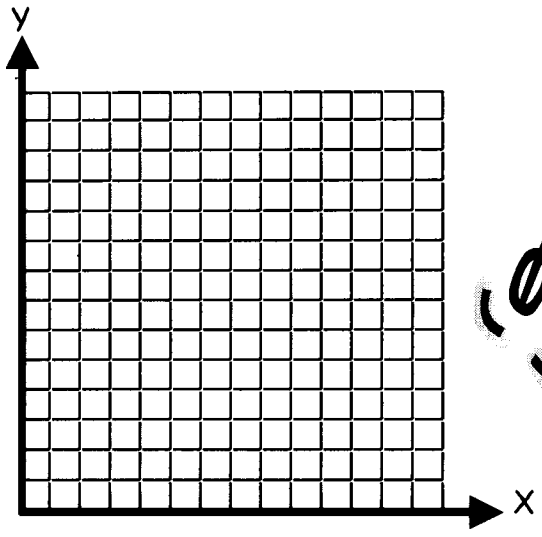


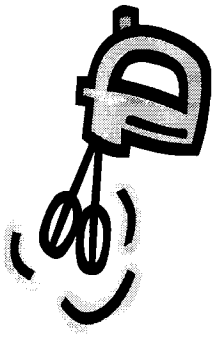
8) Find the prime factorization of each of the following numbers:

a) 35 b) 45 c) 55 d) 65

9) Graph each of the points.

X	Y
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7





10) Adam has decided to paint his house. What is the probability he will paint the South side of the house first?

11) Find the mean, median, mode, and range of the following set of numbers: 5, 7, 4, 9, 4, 1, 16, 17

mean = median =

mode = range =

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

Summer Review - Week # 6

Complete each of the problems below. Please show all of your work.

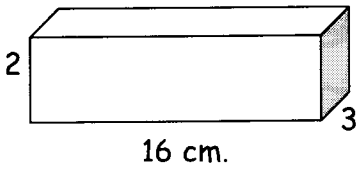
1) Find the mean, median, mode, and range of the following set of numbers: 2, 2, 2, 5

mean = median =

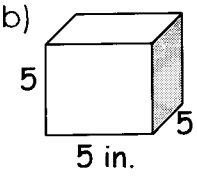
mode = range =

2) Find the volume of the figures:

a)



b)



V = _____

V = _____

3) Reduce each of the following fractions:

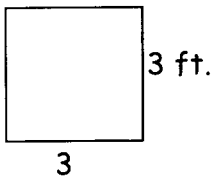
a) $\frac{20}{25} =$ ___ b) $\frac{21}{28} =$ ___ c) $\frac{22}{88} =$ ___ d) $\frac{23}{46} =$ ___

e) $\frac{24}{30} =$ ___ f) $\frac{25}{35} =$ ___ g) $\frac{26}{39} =$ ___ h) $\frac{27}{36} =$ ___

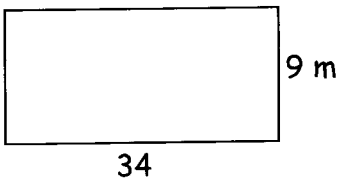
i) $\frac{28}{40} =$ ___ j) $\frac{29}{58} =$ ___ k) $\frac{30}{48} =$ ___ l) $\frac{31}{62} =$ ___

4) Find the perimeter and area of the figures:

a)



b)



P =

A =

P =

A =

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

5) Change the following fractions to mixed numbers:

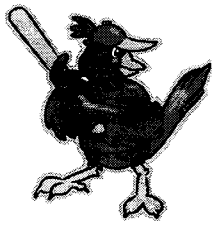
a) $\frac{29}{3} =$ ___ b) $\frac{28}{5} =$ ___ c) $\frac{27}{6} =$ ___ d) $\frac{26}{5} =$ ___

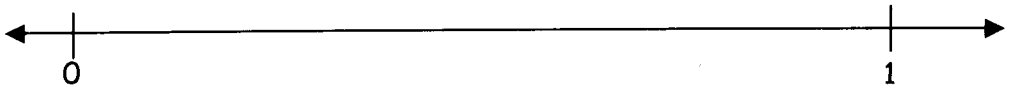
e) $\frac{24}{5} =$ ___ f) $\frac{23}{4} =$ ___ g) $\frac{22}{3} =$ ___ h) $\frac{21}{2} =$ ___

6) Find the least common multiple (LCM) of the following sets of numbers:

a) 5, 8 b) 6, 9 c) 7, 10 d) 8, 11

7) Put the following fractions on the number line where they belong: $\frac{3}{7}, \frac{2}{7}, \frac{5}{7}$



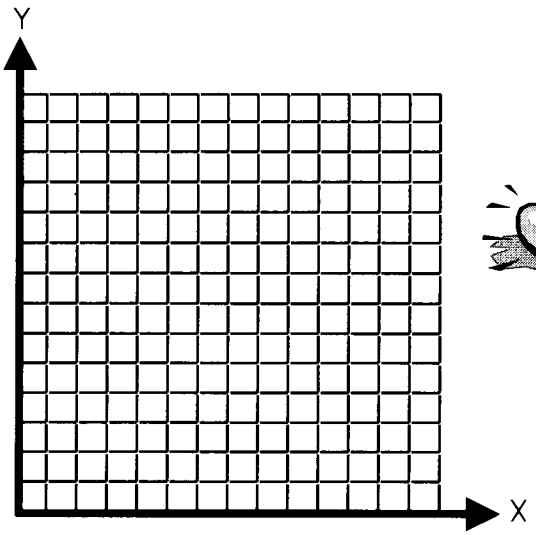


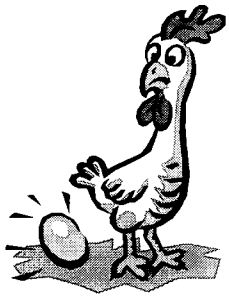
8) Find the number that corresponds with each of the following prime factorizations:

a) $2 \cdot 3^2$ b) $3 \cdot 5^2$ c) $5 \cdot 7^2$ d) $7 \cdot 11^2$

9) Graph each of the points.

X	Y
0	3
1	5
2	7
3	5
4	3
5	1
6	3
7	5





Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

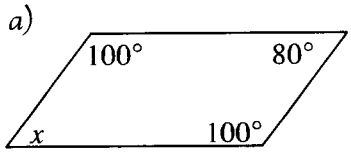
Summer Review - Week # 7

Complete each of the problems below. Please show all of your work.

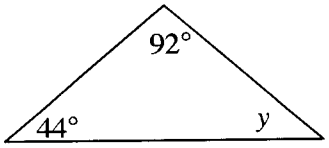
1) Michael has to mow the lawn next week. What is the probability he will choose a day of the week that is spelled with a t?

2) Find the missing angles:

a)



b)



$x =$

$y =$

3) Find the mean, median, mode, and range of the following set of numbers: 3, 3, 3, 7, 1, 1, 1, 2, 9

mean =

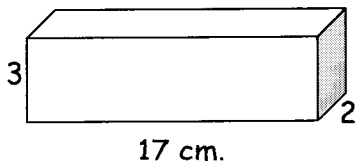
median =

mode =

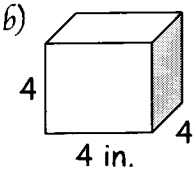
range =

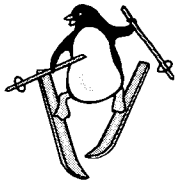
4) Find the volume of the figures:

a)



b)

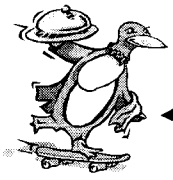


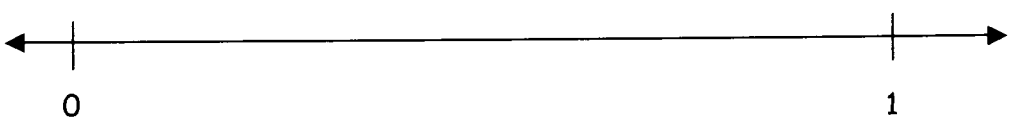


$V =$ _____

$V =$ _____

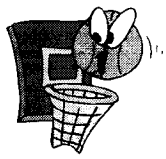
5) Put the following fractions on the number line where they belong: $\frac{1}{5}, \frac{3}{5}, \frac{2}{5}$





Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!



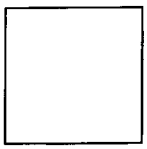
6) Reduce each of the following fractions:

a) $\frac{8}{12} =$ ___ b) $\frac{10}{65} =$ ___ c) $\frac{16}{36} =$ ___ d) $\frac{18}{45} =$ ___

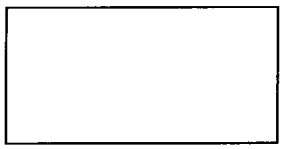
e) $\frac{22}{77} =$ ___ f) $\frac{24}{52} =$ ___ g) $\frac{26}{34} =$ ___ h) $\frac{28}{40} =$ ___

7) Find the perimeter and area of the figures:

a)



b)



$P =$

$A =$

$P =$

$A =$

8) Find the greatest common factor (GCF) of the following sets of numbers:

a) 40, 48 b) 30, 45 c) 32, 48 d) 36, 48

9) If $M = 52$, simplify each of the following:

a) $M + 7$ b) $M - 18$ c) $74 - M$ d) $2M$

10) Change the following fractions to mixed numbers:

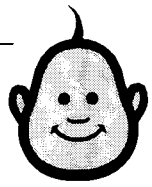
a) $\frac{38}{3} =$ ___ b) $\frac{39}{4} =$ ___ c) $\frac{41}{5} =$ ___ d) $\frac{43}{6} =$ ___

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

Summer Review - Week # 8



Complete each of the problems below. Please show all of your work.

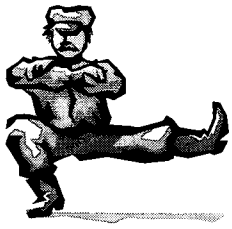
1) Put the following fractions on the number line where they belong: $\frac{10}{11}, \frac{7}{11}, \frac{1}{11}$

2) Find the prime factorization of each of the following numbers:

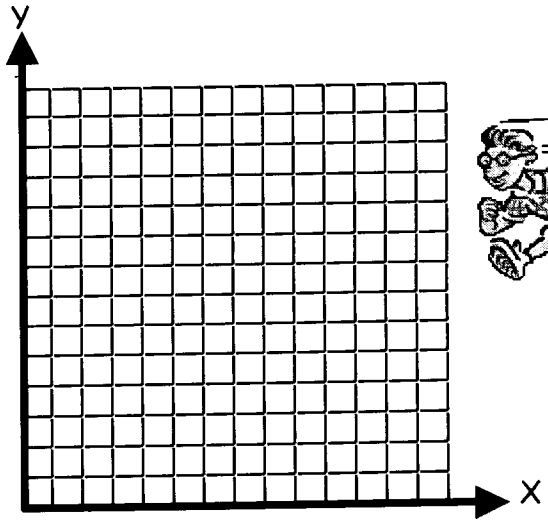
a) 16 b) 18 c) 20 d) 21

e) 22 f) 26 g) 28 h) 32

3) Graph each of the points.

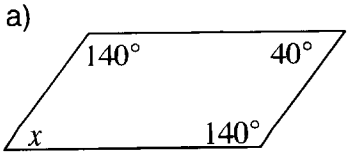


X	Y
0	4
1	5
2	6
3	7
4	8
5	7
6	1
7	2



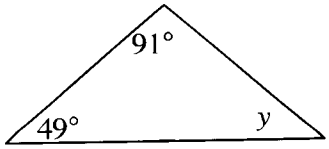
4) Find the missing angles:

a)



x =

b)



y =

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

5) Find the greatest common factor (GCF) of the following sets of numbers:

a) 50, 54 b) 64, 72 c) 82, 94 d) 102, 110

6) If M = 39, simplify each of the following:

a) M + 25 b) M – 28 c) 71 – M d) 3M

7) Change the following fractions to mixed numbers:

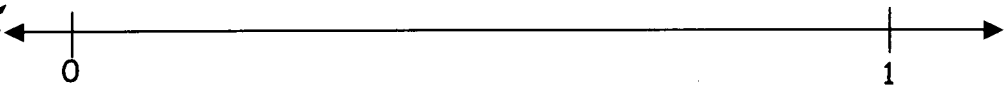
a) $\frac{87}{2}$ = ___ b) $\frac{88}{3}$ = ___ c) $\frac{89}{4}$ = ___ d) $\frac{90}{7}$ = ___

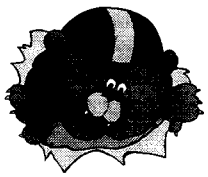
e) $\frac{91}{8}$ = ___ f) $\frac{92}{9}$ = ___ g) $\frac{93}{10}$ = ___ h) $\frac{94}{11}$ = ___

8) Find the least common multiple (LCM) of the following sets of numbers:

a) 7, 12 b) 2, 9 c) 4, 8 d) 6, 14

9) Put the following fractions on the number line where they belong: $\frac{3}{4}, \frac{1}{4}, \frac{2}{5}$





10) Find the number that corresponds with each of the following prime factorizations:

a) $2^3 \cdot 3$ b) $3^3 \cdot 5^2$ c) $2^5 \cdot 7$ d) $3^2 \cdot 7^2$

11) Ivan can either wear jeans, pants, or shorts to school. What is the probability he chooses either shorts or jeans?

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

Name _____

Summer Review - Week #9

Complete each of the problems below. Please show all of your work.

1) Fill in the table with the corresponding fractions, decimals, and percents:

	Fractions	Decimals	Percents
a)	$\frac{3}{4}$		%
b)	$\frac{7}{25}$		%
c)	$\frac{1}{10}$		%
d)	___	.24	%

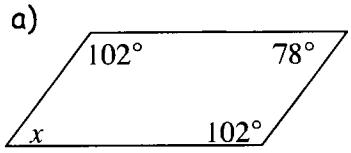
	Fractions	Decimals	Percents
j)	___	.12	%
k)	___	.99	%
l)	___		90%
m)	___		14%

2) Change the following mixed numbers to improper fractions:

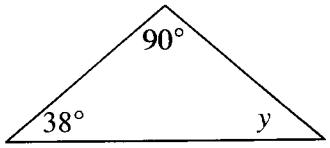
a) $4\frac{2}{3} =$ ___ b) $6\frac{3}{4} =$ ___ c) $7\frac{4}{5} =$ ___ d) $8\frac{5}{6} =$ ___

3) Find the missing angles:

a)



b)



x =

y =

4) Change the following fractions to mixed numbers:

a) $\frac{31}{2} =$ ___ b) $\frac{32}{3} =$ ___ c) $\frac{33}{4} =$ ___ d) $\frac{34}{5} =$ ___

e) $\frac{35}{6} =$ ___ f) $\frac{36}{7} =$ ___ g) $\frac{37}{8} =$ ___ h) $\frac{38}{9} =$ ___

5) If M = 79, simplify each of the following:

a) M + 34 b) M - 58 c) 132 - M d) 2M

Show your work! Show your work! Show your work!

Show your work! Show your work! Show your work!

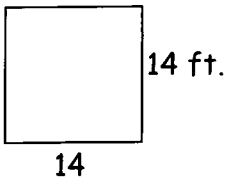
6) Reduce each of the following fractions:

a) $\frac{60}{65} = \_\_\_$ b) $\frac{20}{55} = \_\_\_$ c) $\frac{75}{100} = \_\_\_$ d) $\frac{35}{100} = \_\_\_$

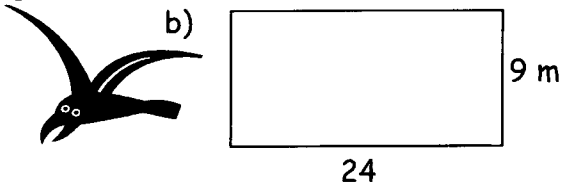
e) $\frac{40}{100} = \_\_\_$ f) $\frac{15}{100} = \_\_\_$ g) $\frac{1000}{2000} = \_\_\_$ h) $\frac{30}{54} = \_\_\_$

7) Find the perimeter and area of the figures:

a)



b)



P =

A =

P =

A =

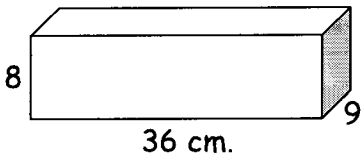
8) Find the greatest common factor (GCF) of the following sets of numbers:

a) 72, 82 b) 34, 51 c) 42, 63 d) 46, 92

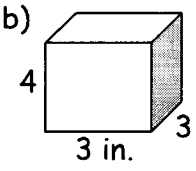
e) 15, 90 f) 28, 42 g) 9, 12 h) 15, 21

9) Find the volume of the figures:

a)



b)



V = _____

V = _____

Show your work! Show your work! Show your work!

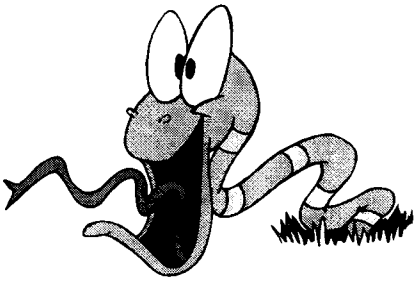
Answer Key

Week #1

1) $\frac{2}{3}, \frac{2}{3}, \frac{2}{3}, \frac{2}{3}, \frac{2}{3}, \frac{6}{7}, \frac{1}{2}, \frac{4}{5}$ 2) 32 *ft*, 64 ft^2, 34 *m*, 60 m^2 3) 1, 5, 2, 4 4) 16, 3, 5, 40

5) $3\frac{3}{7}, 6\frac{1}{2}, 1\frac{4}{5}, 1\frac{2}{5}$ 6) .16, 16%, .8, 80%, $\frac{3}{10}$, 30%, $\frac{21}{50}$, 42%, $\frac{14}{25}$, 56%, $\frac{17}{25}$, .68, $\frac{17}{20}$, .85

7) $\frac{25}{8}, \frac{39}{7}, \frac{100}{11}, \frac{30}{7}$ 8) graph 9) $\frac{1}{3}$



Week #2

1) 70°, 42° 2) 7, 6.5, none, 3-12 or 9 3) 180 cm^3, 336 cm^3

4) $\frac{1}{9}, \frac{1}{10}, \frac{1}{12}, \frac{1}{11}, \frac{1}{4}, \frac{4}{5}, \frac{1}{5}, \frac{1}{7}, \frac{1}{4}, \frac{2}{5}, \frac{2}{3}, \frac{2}{5}$ 5) 36 *ft*, 81 ft^2, 38 *ft*, 78 ft^2 6) 9, 4, 2, 1

7) 61, 26, 37, 162 8) $2\frac{7}{8}, 4\frac{2}{3}, 1\frac{8}{11}, 1\frac{1}{7}, 1\frac{8}{9}, 4\frac{3}{8}, 11\frac{2}{3}, 2\frac{1}{4}$ 9) 30, 56, 60, 60

10) 8.57, 7, 5, 5-18 or 13

Week #3

1) number line 2) $2 \cdot 3^2$, $2^3 \cdot 3$, $2 \cdot 19$, 3^4 3) graph 4) $\frac{3}{7}$ 5) $\frac{2}{7}, \frac{8}{25}, \frac{9}{10}, \frac{4}{5}, \frac{7}{20}, \frac{2}{5}, \frac{12}{27}, \frac{3}{5}$

6) .25, 25%, .35, 35%, .7, 70%, $\frac{31}{100}$, 31%, $\frac{22}{25}$, 88%, $\frac{11}{100}$, 11%, $\frac{39}{50}$, .78, $\frac{11}{50}$, .22 7) $\frac{7}{5}, \frac{23}{10}, \frac{41}{12}, \frac{47}{11}$

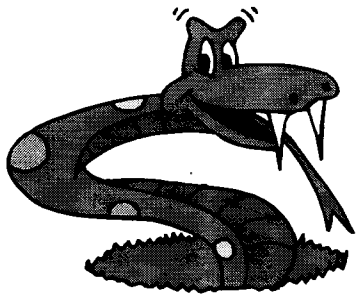
8) 102 cm^3, 504 in^3 9) 48 *ft*, 144 ft^2, 46 *m*, 112 m^2

Week #4

1) $2\frac{7}{10}, 3\frac{1}{5}, 1\frac{8}{13}, 1\frac{1}{4}$ 2) 36, 24, 36, 90 3) number line 4) 5^2, $2^2 \cdot 3^2$, 7^2, 2^6, 5) graph

6) $\frac{2}{3}$ 7) 60°, 91° 8) 6.29, 5, 9, 2-12 or 10 9) 924 cm^3, 504 in^3 10) $\frac{6}{7}, \frac{5}{6}, \frac{1}{2}, \frac{1}{2}, \frac{4}{5}, \frac{5}{6}, \frac{3}{7}, \frac{1}{2}$

11) 12, 45, 175, 539



Week #5

1) $\frac{13}{14}, \frac{5}{9}, \frac{3}{10}, \frac{1}{4}, \frac{2}{3}, \frac{1}{3}, \frac{4}{15}, \frac{3}{4}$ 2) 8 *ft*, $4ft^2$, 44 *m*, 96 m^2 3) 4, 2, 7, 10 4) 36, 15, 5, 54

5) $3\frac{1}{2}, 2\frac{2}{3}, 2\frac{1}{4}, 1\frac{2}{3}, 1\frac{4}{7}, 1\frac{1}{2}, 1\frac{4}{9}, 1\frac{2}{5}$ 6) 42, 84, 16, 36 7) number line 8) $5\cdot7, 3^2\cdot5, 5\cdot11, 5\cdot13$

9) graph 10) $\frac{1}{4}$ 11) 7.875, 6, 4, 1-17 or 16

Week #6

1) 2.75, 2, 2, 2-5 or 3 2) 96 cm^3, 125 in^2 3) $\frac{4}{5}, \frac{3}{4}, \frac{1}{4}, \frac{1}{2}, \frac{4}{5}, \frac{5}{7}, \frac{2}{3}, \frac{3}{4}, \frac{9}{10}, \frac{1}{2}, \frac{5}{8}, \frac{1}{2}$

4) 12 *ft*, 9 ft^2, 86 *m*, 306 m^2 5) $9\frac{2}{3}, 5\frac{3}{8}, 4\frac{1}{2}, 5\frac{1}{5}, 4\frac{4}{5}, 5\frac{3}{4}, 7\frac{1}{3}, 10\frac{1}{2}$ 6) 40, 18, 70, 88

7) number line 8) 18, 75, 245, 847 9) graph

Week #7

1) $\frac{3}{7}$ 2) 80°, 44° 3) 3.33, 3, 1 and 3, 1-9 or 8 4) 102 cm^3, 64 in^3 5) number line

6) $\frac{2}{3}, \frac{2}{13}, \frac{4}{9}, \frac{2}{5}, \frac{2}{7}, \frac{4}{9}, \frac{13}{17}, \frac{7}{10}$ 7) 28 *ft*, 49 ft^2, 64 *m*, 207 m^2 8) 8, 15, 16, 12

9) 59, 34, 22, 104 10) $12\frac{2}{3}, 9\frac{3}{4}, 8\frac{1}{5}, 7\frac{1}{6}$

Week #8

1) number line 2) $2^4, 2\cdot3^2, 2^2\cdot5, 3\cdot7, 2\cdot11, 2\cdot13, 3\cdot7, 2^5$ 3) graph 4) 40°, 40° 5) 2, 8, 2, 2

6) 64, 11, 32, 117 7) $43\frac{1}{2}, 29\frac{1}{3}, 22\frac{1}{4}, 12\frac{6}{7}, 11\frac{3}{8}, 10\frac{2}{9}, 9\frac{3}{10}, 8\frac{6}{11}$ 8) 84, 18, 8, 42 9) number line

10) 24, 675, 224, 441 11) $\frac{2}{3}$

Week #9

1) .75, 75%, .28, 28%, .1, 10%, $\frac{6}{25}$, 24%, $\frac{3}{25}$, 12%, $\frac{99}{100}$, 99%, $\frac{9}{10}$, .9, $\frac{7}{50}$, .14 2) $\frac{14}{3}, \frac{27}{4}, \frac{39}{5}, \frac{53}{6}$

3) 78°, 52° 4) $15\frac{1}{2}, 10\frac{2}{3}, 8\frac{1}{4}, 6\frac{4}{5}, 5\frac{5}{6}, 5\frac{1}{7}, 4\frac{5}{8}, 4\frac{2}{9}$ 5) 113, 21, 53, 158

6) $\frac{12}{13}, \frac{4}{11}, \frac{3}{4}, \frac{7}{20}, \frac{2}{5}, \frac{3}{20}, \frac{1}{2}, \frac{5}{9}$ 7) 56 *ft*, 196 ft^2, 66 *m*, 216 m^2 8) 2, 17, 21, 46, 15, 14, 3, 3

9) 2592 cm^3, 36 in^3