

7th Grade Summer Packet

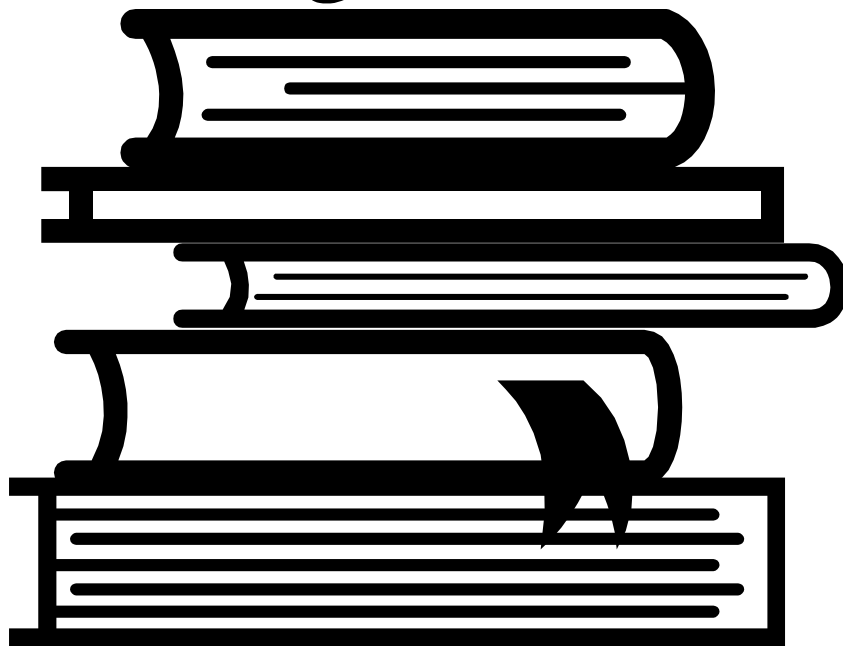
Each week this summer please complete one of the following review sheets. Please show as much work as you can for each problem. This will help if you are asked how you got the answer. Please check your answers with the answer sheet at the back of this packet.

These review sheets will be collected the first week of school and will help prepare you for 7th grade.
Have a great summer!

Fractions



Percents



Formula Card:

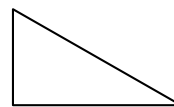
Circle - $A = \pi \cdot r^2$ $C = \pi \cdot d$ $\pi \approx 3.14$



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



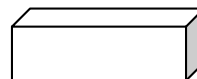
Triangle - $A = \frac{1}{2}b \cdot h$ $P = \text{sum of all of the sides}$



Parallelogram - $A = b \cdot h$ $P = \text{sum of all of the sides}$



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



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

Ex. 1) $\frac{2}{3} + \frac{4}{5} =$
 $= \frac{10}{15} + \frac{12}{15}$
 $= \frac{22}{15}$

Ex. 2) Find the area of a circle with
a radius of 5 in. $A = \pi r^2$

$$A = \pi \cdot 5^2$$

$$A = 25\pi \text{ in.}^2 \text{ or } 78.5 \text{ in.}^2$$

Ex. 3) $3\frac{1}{4} - 5\frac{2}{3} =$
 $= \frac{13}{4} - \frac{17}{3}$
 $= \frac{39}{12} - \frac{68}{12}$
 $= -\frac{29}{12}$
 $= -2\frac{5}{12}$

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

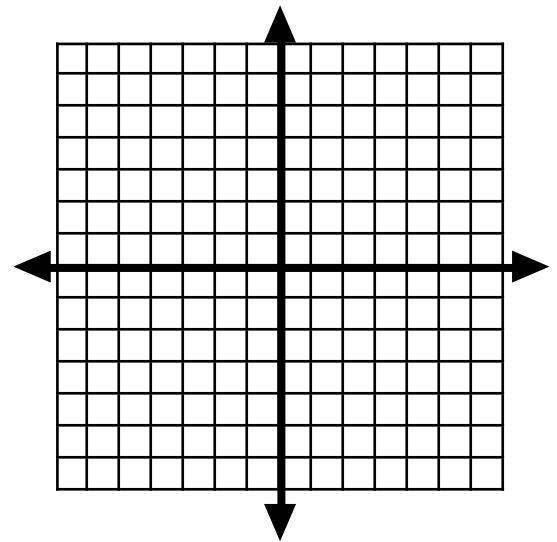


Complete each of the problems below. Please show all of your work.

- 1) When they go to the movies the Hernandez family uses the formula, $4.50C + 9.75A = T$, to determine the total cost (T) of their evening.
 It costs \$4.50 for each of the children's tickets and \$9.75 each, for the adults.
 If there are three adults going and four children, how much will it cost the Rodriguez family to go to the movies tonight?

- 2) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(4, 0)	
(-2, -2)	
(1, 1)	
(2, 4)	
(-3, -2)	
(-5, 1)	
(-3, -1)	
(-1, -2)	



- 3) Fred received the following scores for his gymnastics routine: 8.5, 7.8, 8.0, 6.8, 7.1, 7.6. To figure out his score, the judges drop the highest and lowest score and then average the rest of his scores.

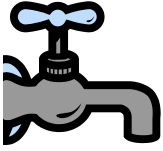
- What is Fred's gymnastics score for the meet?
- How much better or worse would he have done if the judges did not drop the highest and lowest scores?



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

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

4) Jeremy has saved \$11,000 to go towards the purchase of his new car. If the new Civic costs \$17,500 and the sales tax is 8%, how much more money does Jeremy need?



5) Find the LCM of the following sets of numbers.

a) 8 and 12

b) 20 and 30

c) 7 and 35

(Reduce **BEFORE** you multiply across!)

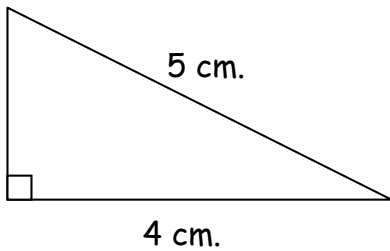
6) $\frac{27}{36} \cdot \frac{18}{9} =$

7) $\frac{55}{44} \cdot \frac{44}{66} =$

8) $\frac{15}{18} \cdot \frac{30}{42} =$

9) Find the area and perimeter of the following triangles.

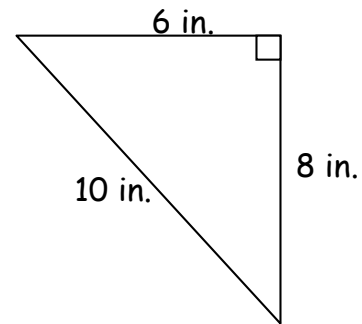
a)



A =

P =

b)



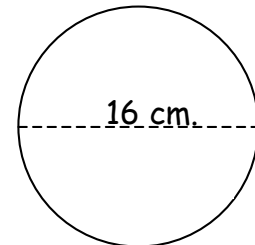
A =

P =

10) Find the area and circumference of the circle.

A =

C =



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

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



Summer Review - Week # 2

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

Name _____



- 1) Find the GCF of the following sets of numbers.
a) 36 and 100 b) 54 and 72 c) 80 and 180

(Reduce **BEFORE** you multiply across!)

2) $\frac{20}{76} \cdot \frac{38}{15} =$ 3) $\frac{16}{50} \cdot \frac{36}{48} =$ 4) $\frac{10}{15} \cdot \frac{30}{46} =$

- 5) Georgia received the following scores for her practice ACT test: 28, 31, 24, 28, 31, 28.

- a) What is the mean of her practice exam scores?
b) What is the median of her practice exam scores?
c) What is the mode of her practice exam scores?
d) What is the range of her practice exam scores?



- 6) If $k = -3$, evaluate the following:

a) $2k + 7(9)$ b) $5 + k^2 - 12$ c) $12 + 6 \cdot k$



- 7) Francesca has five green Cooper shirts, 3 black shirts, a gold shirt, and 8 white shirts. If she chooses randomly, what is the probability she will pick a black shirt to wear on Friday?

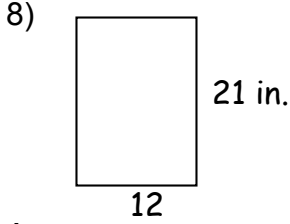


Show your work! Show your work! Show your work!

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



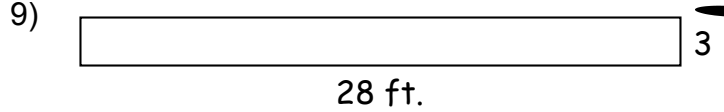
Find the sum of the area and perimeter of the following figures:



Area =

Perimeter =

Sum =



Area =

Perimeter =

Sum =



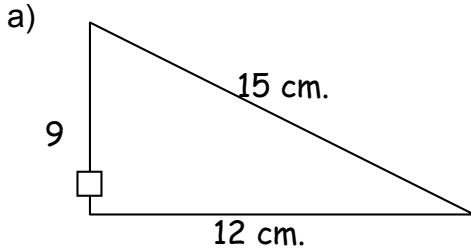
10) $1\frac{3}{4} + 5.7 =$

11) $4.8 + 7\frac{2}{5} =$

12) $3.4 - 15\frac{7}{10} =$

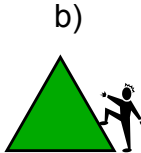


13) Find the area and perimeter of the following triangles.



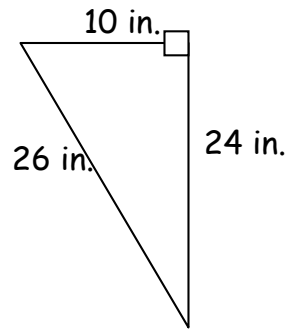
A =

P =



A =

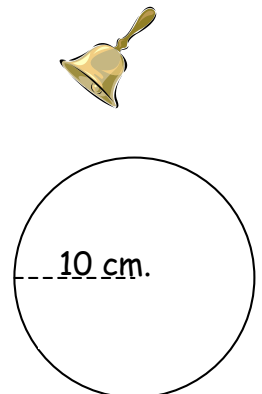
P =



14) Find the area and circumference of the circle.

A =

C =



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

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

Name _____

Summer Review - Week

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

1) Simplify:

a) $6\frac{3}{4} - 10\frac{5}{9}$

b) $3\frac{3}{11} + 7\frac{1}{11}$

c) $3\frac{1}{3} - 4\frac{7}{8}$



d) $3\frac{1}{6} \cdot 1\frac{3}{10}$

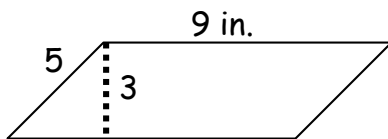
e) $9\frac{2}{7} \div 3\frac{1}{2}$

f) $2\frac{1}{5} \cdot 3\frac{5}{7}$



2) Find the area and perimeter of the figures.

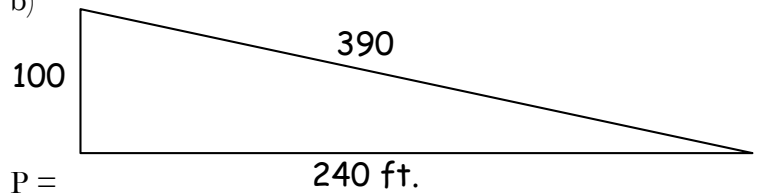
a)



P =

A =

b)



P =

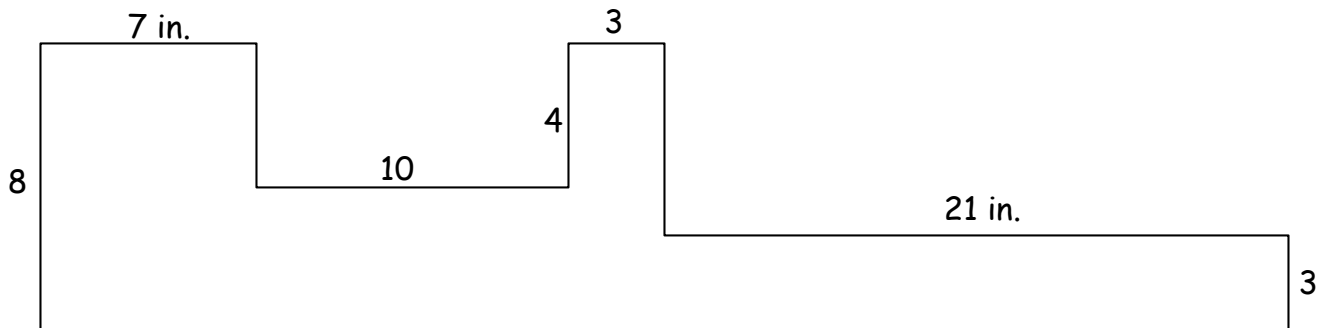
A =

3) Find the **sum** of the perimeter and area of the shape.

P =

A =

Sum of perimeter and area =



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

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

4) Place the correct symbol in between each set of fractions. ($<$, $>$, or $=$)

Change to common denominators first!!!

a) $\frac{5}{7}$ $\frac{5}{6}$

b) $\frac{1}{3}$ $\frac{1}{4}$

c) $\frac{2}{9}$ $\frac{2}{8}$

d) $\frac{4}{8}$ $\frac{3}{6}$



e) $\frac{2}{3}$ $\frac{3}{4}$

f) $\frac{6}{7}$ $\frac{3}{4}$

g) $4\frac{3}{6}$ $5\frac{9}{18}$

h) $1\frac{2}{3}$ $1\frac{3}{5}$

5) George and his two friends are going to the movies. George has 3.4 lbs. of licorice to snack on while Jill has $2\frac{2}{5}$ lbs and Ben has $\frac{9}{10}$ of a pound. If they combine all of their licorice how much do they have together?



6) Simplify the following:

a) $7+2\cdot5$

b) $4-16\div8$

c) $7+6^2$

d) $3^2+9\cdot5$



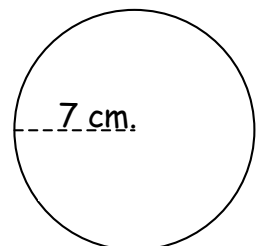
7) Liam has bought 48 feet of fencing that he will use to build a pig pen. List 6 different dimensions he could create for his pen using the fencing he bought.



8) Find the area and circumference of the circle.

A =

C =



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

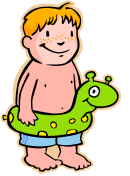
Show your work! Show your work! Show your work!



Summer Review - Week

4

Name _____



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

1) Place the correct symbol in between each set of fractions. ($<$, $>$, or $=$)

Change to common denominators first!!!

a) $\frac{2}{8}$ $\frac{3}{6}$

b) $\frac{1}{6}$ $\frac{1}{9}$

c) $\frac{4}{7}$ $\frac{4}{9}$

d) $\frac{3}{8}$ $\frac{15}{20}$

e) $\frac{24}{27}$ $\frac{8}{18}$

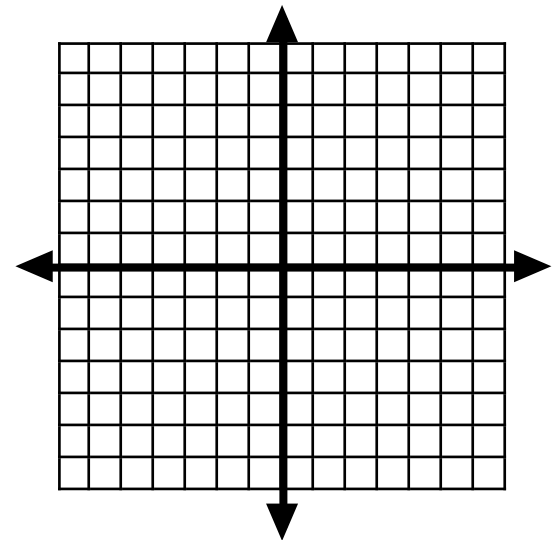
f) $\frac{1}{4}$ $\frac{3}{8}$

g) $-7\frac{2}{3}$ $-7\frac{3}{4}$

h) $3\frac{3}{8}$ $3\frac{5}{24}$

2) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(2, -2)	
(0, -4)	
(-1, 3)	
(0, 6)	
(-1, -5)	
(-3, 3)	
(-1, -3)	
(-3, 0)	



3) Simplify the following:

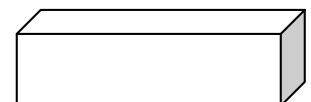
a) $-4 + 6(-7)$

b) $8^2 - 3 \cdot 2$

c) $(12 - 2)^2 - 8$

d) $156 - 8(2)$

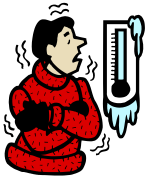
4) Bill knows that the volume of a rectangular prism is 400 cm^3 . The box is labeled with the length as 6.5 cm and the width as 1.5 cm. What is the approximate height of the box?



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

5) Lucy has 4 black outfits, 5 blue outfits, a white outfit, and a green one to choose from.

a) What is the probability she randomly chooses a red outfit to wear?



b) What is the probability she randomly chooses a blue outfit to wear?

c) What is the probability she randomly chooses a black or green outfit to wear?

6) Simplify:

a) $2\frac{1}{6} - 5\frac{1}{4}$

b) $-4\frac{1}{7} - 9\frac{2}{7}$

c) $6\frac{4}{9} - \frac{2}{3}$



d) $16 \cdot 2\frac{1}{4}$

e) $\frac{4}{9} \div \frac{8}{9}$

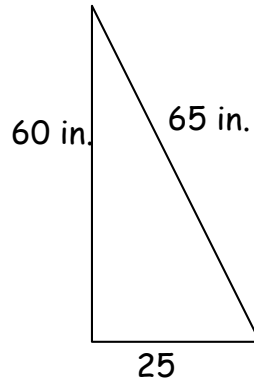
f) $6\frac{1}{2} \cdot 2\frac{2}{7}$



7) Find the area and perimeter of the triangle.

A =

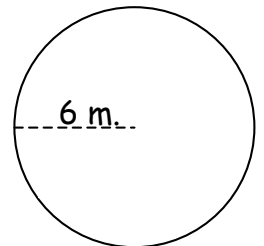
P =



8) Find the area and circumference of the circle.

A =

C =



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

Name _____



Summer Review - Week # 5

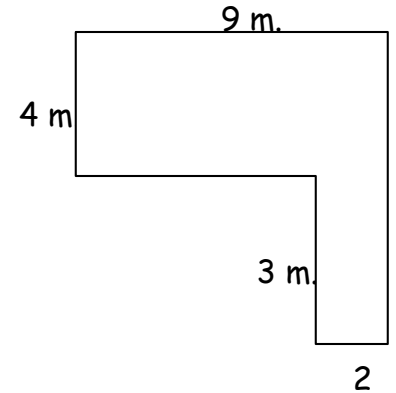
Complete each of the problems below. Please show all of your work.



1) Beth has brought $1\frac{3}{7}$ lbs. of strawberries to her friend Lisa's house to make pies.

How many more lbs. do they need if the recipe calls for $5\frac{2}{3}$ lbs.?

2) Find the area and perimeter of the figure.



3) Find the GCF of each set of numbers.

a) 12, 24, 40

b) 9, 12, 15

c) 14, 22, 24



4) Complete each of the problems.

a) $\frac{3}{4} \cdot \frac{16}{18} =$

b) $1\frac{1}{3} \div 3\frac{2}{3} =$

c) $3\frac{3}{4} + 5\frac{1}{2} =$

5) Find the prime factorization of the following numbers.

a) 80

b) 12

c) 45



Show your work!

Show your work!

Show your work!

Show your work!

Show your work!

Show your work!

6) Simplify the following:

a) $-41 - 22(2)$

b) $3^2 - 5 \cdot 2$

c) $(3 - 7)^2 + 13$



7) If $r = -8$, evaluate the following:

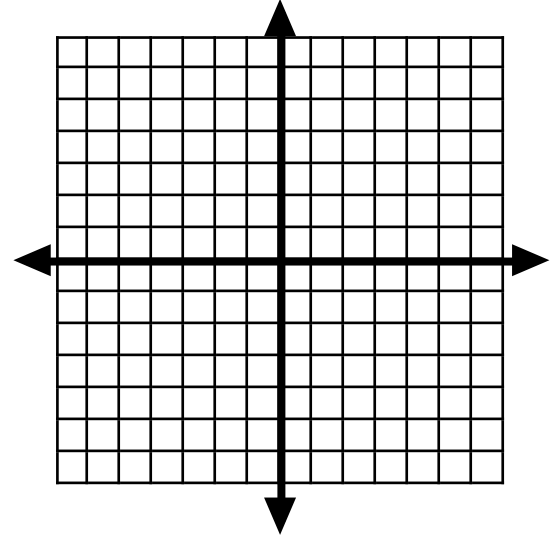
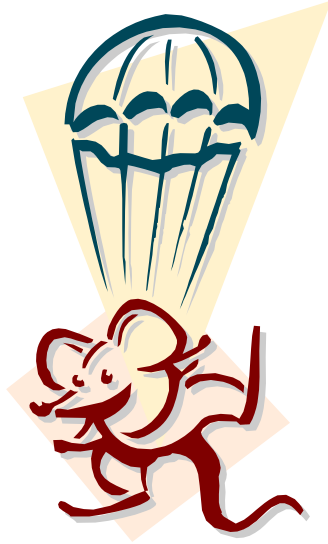
a) $-3r + 9$

b) $r - 10$

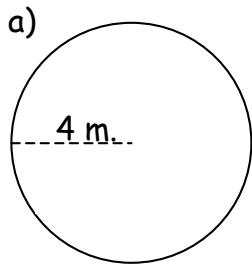
c) $71 - r$

8) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(5, -2)	
(-3, -4)	
(2, 3)	
(3, 6)	
(-4, -5)	
(-1, 3)	
(-4, -3)	
(-5, 0)	

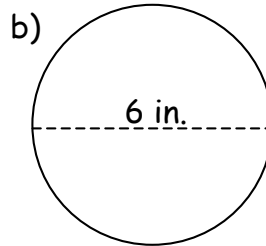


9) Find the area and circumference of the circles.



$A =$

$C =$



$A =$

$C =$



Show your work!
Show your work!

Show your work!
Show your work!

Show your work!
Show your work!

Name _____



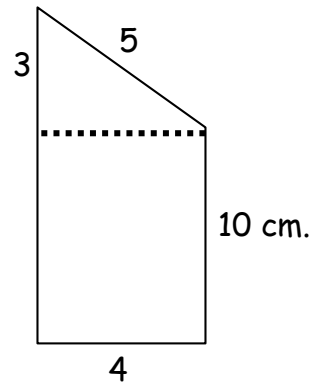
Summer Review - Week #

6

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

1) Ewa bought $7\frac{1}{8}$ lbs. of cashews for \$3.50 per lb. How much did she spend?

2) Find the area and perimeter of the figure.



3) Find the LCM of each set of numbers.

a) 2, 3, 5

b) 5, 6, 8

c) 8, 9, 12



4) Complete each of the problems.

a) $\frac{3}{7} - 2\frac{1}{3} =$

b) $3\frac{1}{5} \cdot 5\frac{1}{9} =$

c) $-4\frac{2}{8} + 3\frac{1}{3} =$

5) What number does each prime factorization represent?

a) $2 \cdot 3 \cdot 5^2$

b) $2 \cdot 11^2$

c) $3^2 \cdot 7$



6) Simplify the following:

a) $-5 + 4(9)$

b) $4^2 + 9 \cdot 8$

c) $(11 - 14)^2 - 6$

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

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

7) If $y = -4$, evaluate the following:

a) $2y + 7$

b) $y - 8$

c) $5 - y$

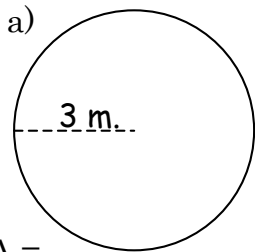


8) In the last six games, the quarterback of the Chicago Bears fumbled the ball 2, 1, 1, 5, 3, and 9 times.

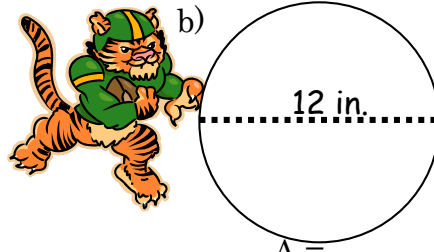
- a) What is the median of the number of times he fumbled?
- b) What is the mode of the number of times he fumbled?
- c) What is the range of the number of times he fumbled?
- d) What is the mean of the number of times he fumbled?



9) Find the area and circumference of the circles.



C =



C =

Simplify the following:

10) $\frac{54}{38} \cdot \frac{18}{27} =$

11) $\left(\frac{20}{22}\right)\left(\frac{11}{65}\right) =$

12) $\frac{5}{6} \div \frac{4}{6} =$

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) $\frac{3}{4} + \frac{3}{10} =$

2) $\frac{5}{7} - \frac{3}{4} =$

3) $3\frac{3}{5} - 7\frac{1}{8} =$

4) Find the LCM of the following numbers:

a) 7, 9

b) 9, 15

c) 13, 26

d) 2, 4, 6, 12

5) Find the GCF of the following numbers:

a) 15, 25

b) 72, 84

c) 40, 150

d) 60, 90

Simplify the following:

6) $\frac{30}{20} \cdot \frac{18}{27} =$

7) $\left(\frac{30}{22}\right)\left(\frac{12}{25}\right) =$

8) $\frac{1}{7} \div \frac{2}{14} =$

9) If $k = -9$, evaluate the following:

a) $2k - 5$

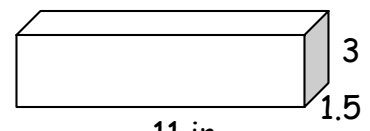
b) $15 - k$

c) $\frac{k+9}{6}$

d) $2k^2 - 8$



10) Find the volume of the rectangular prism.



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

11) Susan has earned \$38 babysitting. 30% of her earnings go into the bank every month.
 How much of her \$38 should she put in the bank?



12) Sally exercises 45 min. a day at a minimum.
 Which of the following inequalities represents how much she exercises?

- a) $x \leq 45$ b) $x \geq 45$
 c) $x < 45$ d) $x > 45$

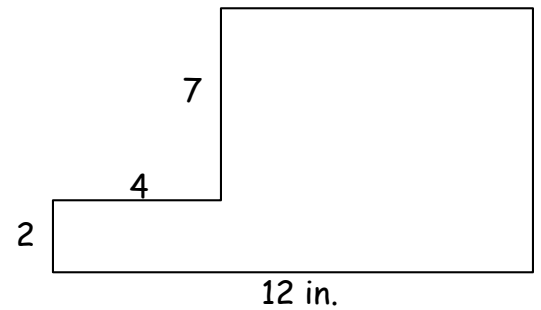
Graph the one you chose.



13) Find the perimeter and area of the figure.

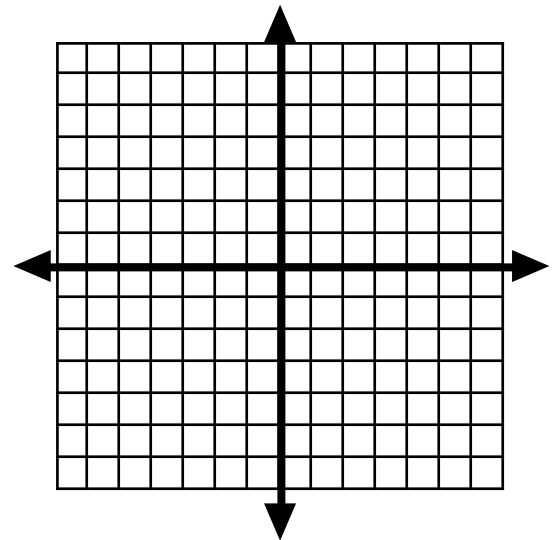
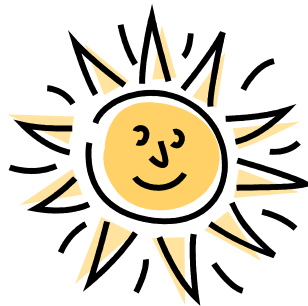
P =

A =



14) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(4, -3)	
(-2, -2)	
(1, 4)	
(2, 4)	
(-3, -3)	
(-5, 2)	
(-3, -1)	
(-1, 2)	



15) Place the correct symbol in between each set of fractions. (<, >, or =)
 Change to common denominators first!!!

a) $\frac{4}{9}$ $\frac{3}{5}$

b) $\frac{1}{5}$ $\frac{1}{4}$

c) $\frac{2}{7}$ $\frac{2}{9}$

d) $\frac{3}{4}$ $\frac{7}{8}$

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

Name _____

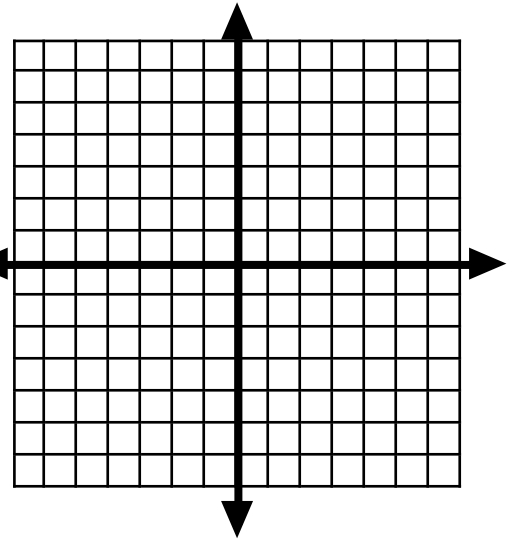
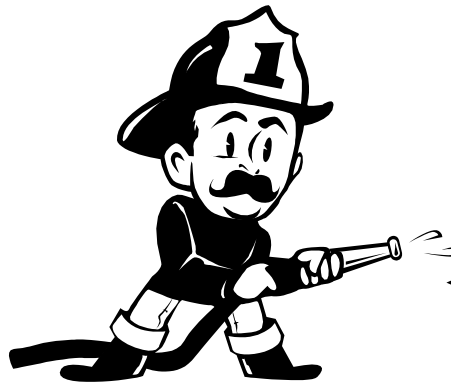


Summer Review - Week # 8

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

1) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(3, -2)	
(-1, -4)	
(0, 3)	
(1, 6)	
(-2, -5)	
(-4, 3)	
(-2, -3)	
(2, 0)	



2) Simplify:

a) $2\frac{2}{3} - 3\frac{3}{4}$

b) $1\frac{3}{8} + 5\frac{7}{8}$

c) $4\frac{1}{9} - 9\frac{2}{3}$

3) Place the correct symbol in between each set of fractions. (<, >, or =)

Change to common denominators first!!!

a) $\frac{5}{8}$ $\frac{1}{2}$

b) $\frac{1}{6}$ $\frac{1}{12}$

c) $\frac{2}{7}$ $\frac{4}{14}$

d) $\frac{20}{24}$ $\frac{5}{6}$

e) $\frac{8}{12}$ $\frac{7}{9}$

f) $\frac{2}{3}$ $\frac{20}{30}$

g) $-2\frac{3}{5}$ $-1\frac{4}{7}$

h) $2\frac{5}{7}$ $2\frac{4}{5}$

Show your work! Show your work!

Show your work! Show your work!

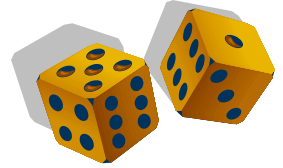
Show your work! Show your work!

Show your work! Show your work!

4) Barry has one six sided dice numbered 1-6 that he rolls.



- a) What is the probability he rolls a 5?
- b) What is the probability he rolls a 3 or a 5?
- c) What is the probability he rolls an odd number?
- d) What is the probability he rolls an even number?
- e) What is the probability he rolls a factor of 6?
- f) What is the probability he rolls a factor of 39?
- g) What is the probability he rolls a factor of 17?
- h) What is the probability he rolls a 7?



- i) What is the probability he rolls a number?
- j) What is the probability he rolls a factor of 12?
- k) What is the probability he rolls a factor of 60?
- l) What is the probability he rolls a prime number?
- m) What is the probability he does NOT roll a prime number?



5) Simplify the following:

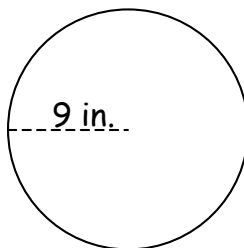
a) $3 + 2(9)$

b) $9^2 - 7 \cdot 2$

c) $(3 - 14)^2 + 12$

d) $17 - 15(-4)$

6) Find the area of the circle.



7) Find the circumference of the circle.

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

Name _____



Summer Review - Week #



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

1) Simplify the following:

a) $-14 + 7(4)$

b) $7^2 - 2 \cdot 3$

c) $(92 - 82)^2 + 8$

d) $-18 - 2(6)$

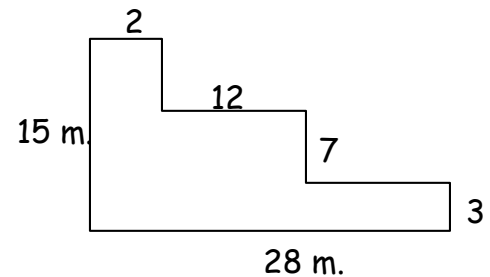
2) Find the LCM of the following sets of numbers.

a) 6 and 8

b) 9 and 15

c) 5 and 6

3) Find the area and perimeter of the figure.



4) Find the GCF of the following sets of numbers.

a) 20 and 75

b) 20 and 46

c) 16 and 48



5) Jerry ate the following number of sandwiches for each of the last five weeks: 13, 13, 12, 12, and 6.

Find each of the following:

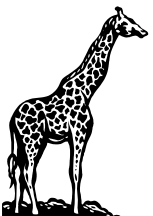


Mean =

Median =

Mode =

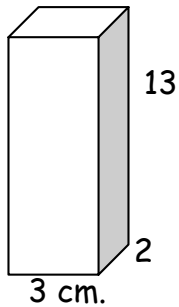
Range =



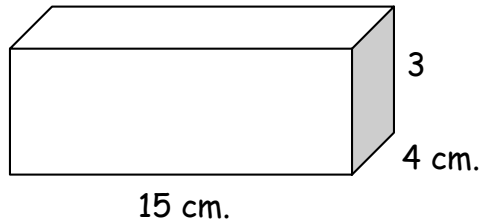
Show your work! Show your work! Show your work!
 Show your work! Show your work! Show your work!

Find the volume of each of the rectangular prisms.

6) Volume = _____ cm^3



7) Volume = _____ cm^3



Complete each of the following problems:

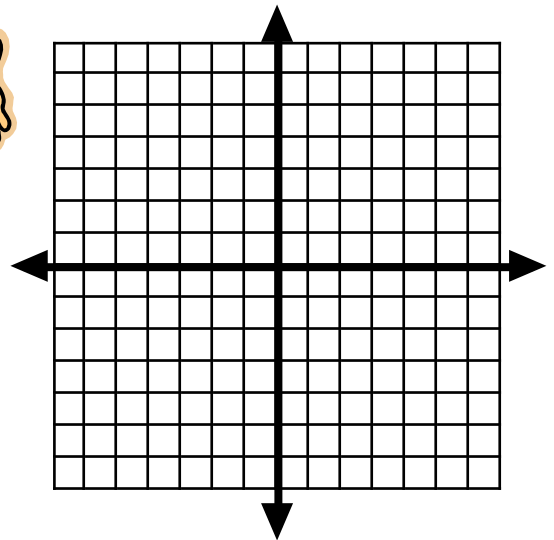
8) $\frac{5}{6} + \frac{3}{7} =$

9) $\frac{7}{12} + \frac{1}{5} =$

10) $\frac{1}{36} - \frac{1}{24} =$

11) List the quadrant or axis that each point is located in. Then graph each point on the coordinate plane.

Coordinate pair	Quadrant or Axis
(4, -2)	
(-2, -4)	
(1, 3)	
(2, 6)	
(-3, -5)	
(-5, 3)	
(-3, -3)	
(-1, 0)	



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

Answer Key

Week #1

- 1) \$47.25 2) x-axis, Q3, Q1, Q1, Q3, Q2, Q3, Q3 3) 7.63, no difference 4) \$7900
5) 24, 60, 35 6) $\frac{3}{2}$ 7) $\frac{5}{6}$ 8) $\frac{25}{42}$ 9) 6 cm^2 , 12 cm , 24 in^2 , 24 cm 10) $64\pi cm^2$, $16\pi cm$

Week #2

- 1) 4, 18, 20 2) $\frac{2}{3}$ 3) $\frac{6}{25}$ 4) $\frac{10}{23}$ 5) 28.3, 28, 28, 24-31 or 7 6) 57, 2, -6 7) $\frac{3}{17}$



- 8) 252 in^2 , 66 in , 318 9) 84 in^2 , 62 in , 146 10) 7.45 11) 12.2 12) -12.3

- 13) 54 cm^2 , 36 cm , 120 in^2 , 60 in 14) $100\pi cm^2$, $20\pi cm$

Week #3

- 1) $-3\frac{29}{36}$, $10\frac{4}{11}$, $-1\frac{13}{24}$, $4\frac{7}{60}$, $2\frac{32}{49}$, $8\frac{6}{35}$ 2) 28 in , 27 in^2 , 730 ft , 12000 ft^2 3) 103 in , 183 in^2 , 286

- 4) $<$, $>$, $<$, $=$, $<$, $>$, $<$, $>$ 5) 6.7 lbs. 6) 17, 2, 43, 54 7) answers will vary, one option is 1×23

- 8) $49\pi cm^2$, $14\pi cm$



Week #4

- 1) $<$, $>$, $<$, $<$, $>$, $<$, $>$, $>$ 2) Q4, y-axis, Q2, y-axis, Q3, Q2, Q3, x-axis 3) -46, 58, 92, 140

- 4) 41.03 cm 5) $\frac{4}{11}$, $\frac{5}{11}$, $\frac{5}{11}$ 6) $-3\frac{1}{12}$, $-13\frac{3}{7}$, $5\frac{7}{9}$, 36, $\frac{1}{2}$, $14\frac{6}{7}$ 7) 750 in^2 , 150 in

- 8) $36\pi m^2$, $12\pi m$

Week #5

- 1) $4\frac{5}{21}$ lbs 2) 60 m^2 , 25 m 3) 4, 3, 2 4) $\frac{2}{3}$, $\frac{4}{11}$, $9\frac{1}{4}$ 5) $2^4 \cdot 5$, $2^2 \cdot 3$, $3^2 \cdot 5$ 6) -85, -1, 29

- 7) 33, -18, 79 8) Q4, Q3, Q1, Q1, Q3, Q2, Q3, y-axis 9) $16\pi m^2$, $8\pi m$, $9\pi in^2$, $6\pi in$

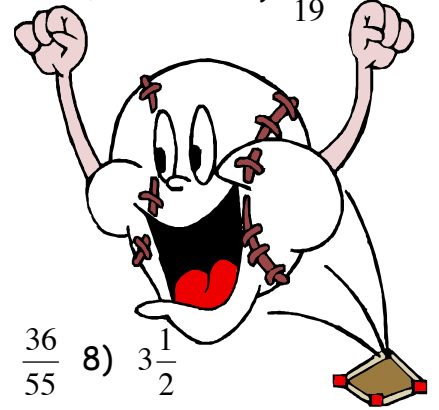


Week #6

1) \$24.94 2) 46 cm^2 , 32 cm 3) 30, 120, 72 4) $-1\frac{19}{21}$, $16\frac{16}{45}$, $-1\frac{1}{3}$ 5) 150, 242, 63

6) 31, 88, 3 7) -1, -12, 20 8) 2.5, 1, 1-9 or 8, 3.5 9) $9\pi \text{ m}^2$, $6\pi \text{ m}$, $36\pi \text{ in}^2$, $12\pi \text{ in}$ 10) $\frac{18}{19}$

11) $\frac{2}{5}$ 12) $1\frac{1}{4}$



Week #7

1) $1\frac{1}{20}$ 2) $-\frac{1}{28}$ 3) $-3\frac{21}{40}$ 4) 63, 45, 26, 12 5) 5, 12, 10, 30 6) 1 7) $\frac{36}{55}$ 8) $3\frac{1}{2}$

9) -23, 24, 0, 154 10) 49.5 in^3 11) \$11.40 12) b 13) 38 in , 80 in^2

14) Q4, Q3, Q1, Q1, Q3, Q2, Q3, Q2 15) $<, <, >, <$



Week #8

1) Q4, Q3, y-axis, Q1, Q3, Q2, Q3, x-axis 2) $-1\frac{1}{12}$, $7\frac{1}{4}$, $-5\frac{5}{9}$ 3) $>, >, =, =, <, =, <, <$

4) $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{2}{3}$, $\frac{1}{3}$, $\frac{1}{6}$, 0, 1, $\frac{5}{6}$, 1, $\frac{1}{2}$, $\frac{1}{2}$ 5) 21, 67, 133, 77 6) $81\pi \text{ in}^2$ 7) $18\pi \text{ in}$

Week #9

1) 14, 43, 108, -30 2) 24, 45, 30 3) 192 m^2 , 72 m 4) 5, 2, 16 5) 11.2, 12, 12 and 13, 6-13 or 7

6) 78 cm^3 7) 180 cm^3 8) $1\frac{11}{42}$ 9) $\frac{47}{60}$ 10) $-\frac{1}{72}$ 11) Q4, Q3, Q1, Q1, Q3, Q2, Q3, x-axis

