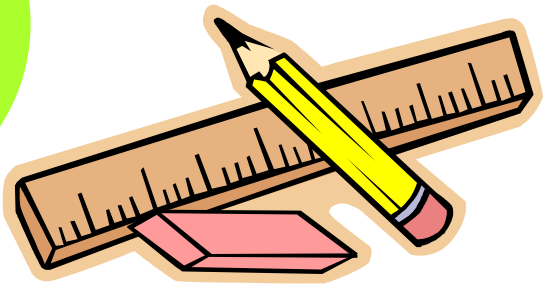
Homework
Week 1
Grade 5

Name _____

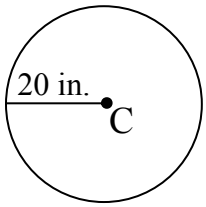


Week 1
Day 1

5 yards = _____ feet

1) Draw an array to represent 3^2.

2) Point C is the center of the circle. What is the diameter of the circle?

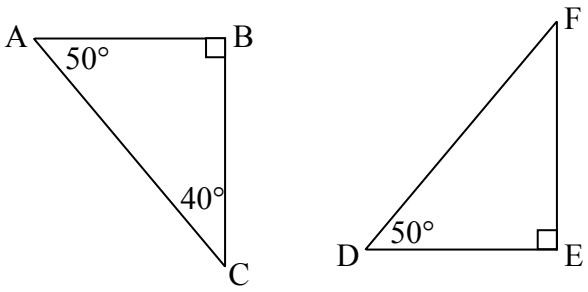


3) When you find the area of a square, what type of units do you use?

4) At the fair there were a total of 6,954 pies sold. Half of the pies were apple. About how many apple pies were sold?

5) Darren eats 3 meals a day. Write an expression to represent the total number of meals Darren would eat in *m* days.

6) The triangles are congruent. What is the measure of angle F?



7) What unit is used to measure angles?

8) What is the rule for this input-output table?

Input	Output
2	10
6	26
8	34
10	42

9) The number of points Jake scored in several basketball games is shown.

14, 18, 16, 14, 17, 16, 14

What is the mode of this data?

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

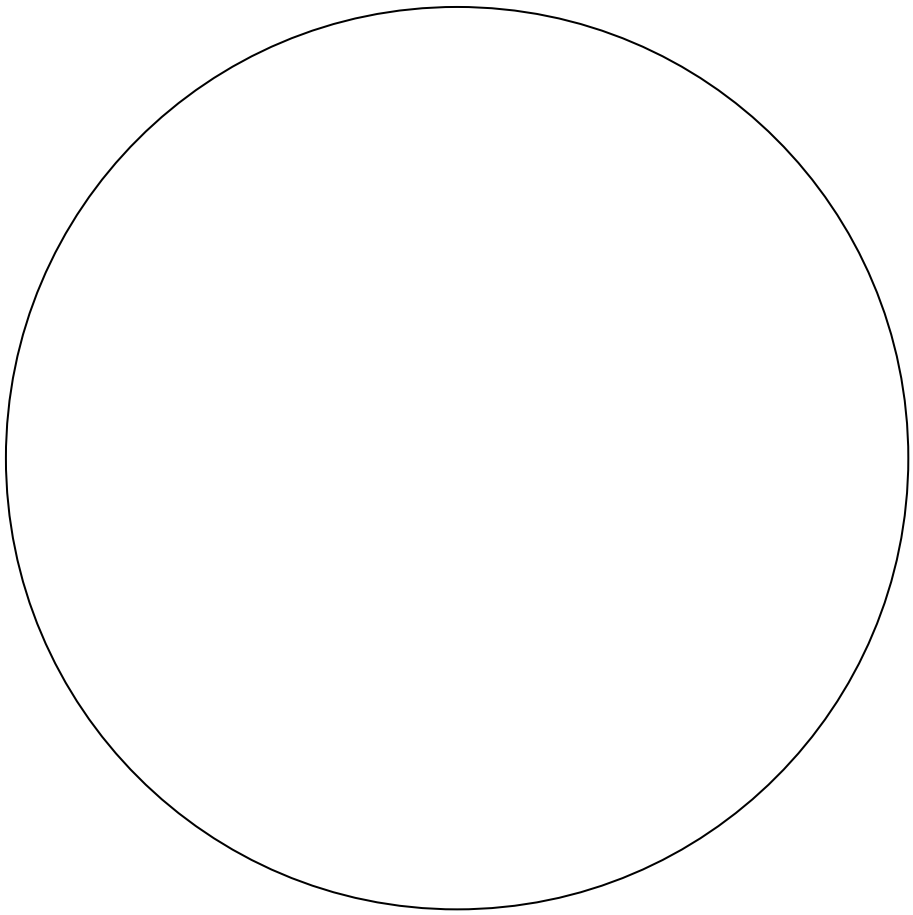
8) _____

9) _____

10) _____

10) At a store you see the following signs: $\frac{1}{4}$ off, 15% off, and $\frac{1}{3}$ off. Which amount gives you the greatest savings?

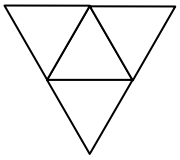
11) 400 fifth graders were asked their favorite flavor of ice cream. 100 said vanilla, 200 said strawberry, and 100 said chocolate. Create a circle graph to show this data. Make sure you label your graph.



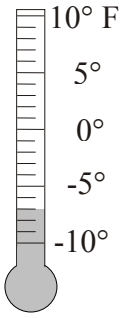
Week 1
Day 2

2 kilometers = _____ meters

1) What three-dimensional object will this net create?



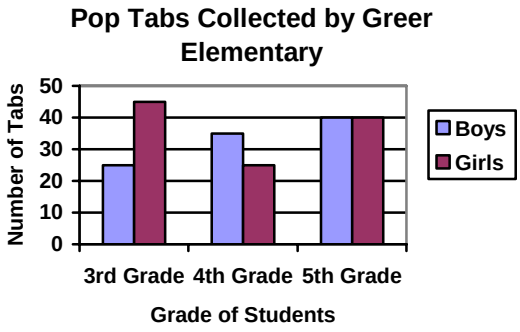
2) What temperature does the thermometer show?



3) What measure do you need to find to determine how many cubes will fit in a box?

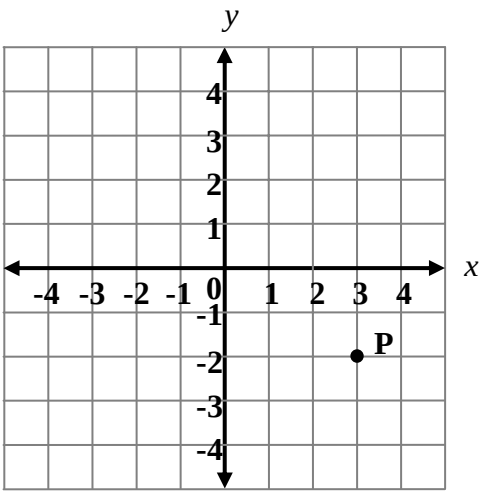
4) What is the range of these numbers?
65, 54, 50, 50, 68

5) Greer Elementary School is trying to collect 1 million pop tabs. The graph shows how many have been collected so far. Which group of boys or girls has collected the most?



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

7) What ordered pair represents point P?



1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

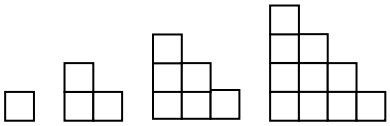
8) _____

9) _____

10) _____

8) Troy worked on his homework for $1\frac{1}{4}$ hours. How many minutes did he spend doing homework?

9) How many squares will it take to make the next figure in this pattern?



10) The low temperature recorded for 4 days was:
-10° F, -15° F, -8° F, -20° F
Put these temperatures in order from coldest to warmest.

11) At the ice cream shop a plain bowl of ice cream costs $2. There are several toppings that can be added to make different types of sundaes. Each topping added to the ice cream costs an additional $0.50. Complete the table to show the cost of a sundae with 1 to 4 toppings.

Write an equation that could be used to find the cost of any sundae.

Number of Toppings (*n*)	**Cost of Sundae (*c*)**
Plain Ice Cream	
1	
2	
3	
4	

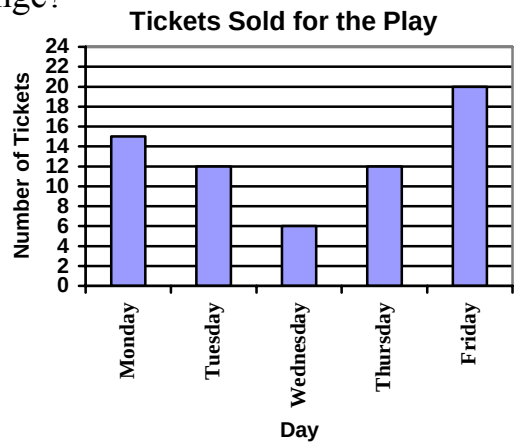
Week 1
Day 3

8 quarts = _____ gallons

1) Estimate the sum: $6\frac{3}{4} + 1\frac{1}{3} =$

2) Draw an acute angle.

3) The graph shows the number of tickets sold for a play. What is the range?



4) Simplify: $3 \times 4 + 12 \div 2$

5) What is the rule for this pattern?
3, 5, 9, 17, 33

6) The lid of a jar has a radius of 10 cm. Estimate the circumference of the lid.

7) At the store Janel bought 3 quarts of juice to serve for breakfast. How many 8 ounce cups of juice can she serve?

8) The table shows the results of flipping a coin 15 times. What is the probability of the coin landing on heads on the next flip?

Results for Flipping a Coin

Heads	Tails
𝍸	𝍸

1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10)_____

9) Carl is 6 feet 2 inches tall. How many inches tall is he?

10) Give two possible solutions for the inequality $7 + b \leq 20$.

11) Find the product of 53×8 using the distributive property. Explain your answer.

_____ liters = 4,000 milliliters

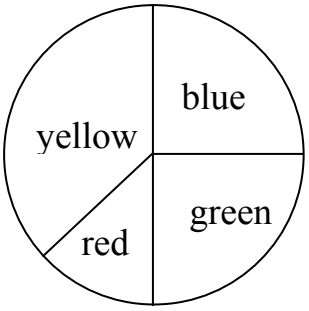
1) Draw a rectangle. Show two lines of symmetry.

1) _____

2) 200 fifth-grade students were asked to name their favorite color. The results are shown in the circle graph below. How many students said blue?

2) _____

Favorite Colors of Fifth Graders



3) _____

3) Describe the relationship between the number of minutes and the amount of water in the tank shown in the graph.

4) _____

5) _____

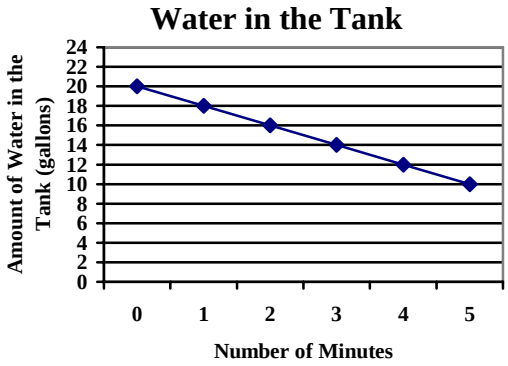
6) _____

7) _____

8) _____

9) _____

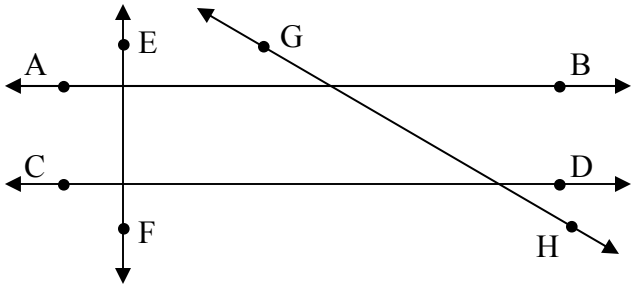
10) _____



4) 16.5 + 8.43 =

5) In a bag there are 5 green marbles, 2 blue marbles, and 4 orange marbles. What is the probability of reaching in the Bag, without looking, and pulling out an orange marble?

6) Name two lines that are perpendicular.



7) What measure of a box do you need to know to find how much paper it would take to cover it?

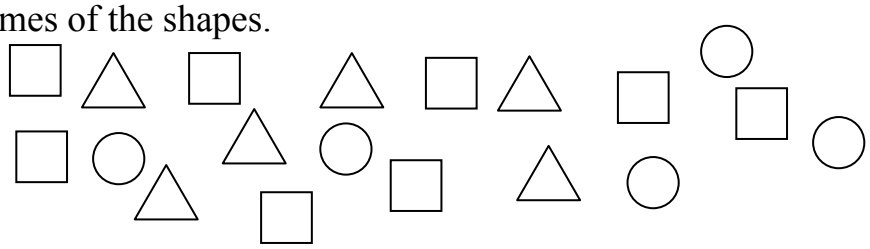
8) Which two numbers are equivalent?

$\frac{1}{4}$, 40%, 20%, $\frac{2}{5}$

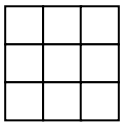
9) Find the perimeter of this rectangle.

10) Luis had $8. For his birthday he got an equal amount of money from 4 different people. He now has $68. Write an equation that could be used to determine how much each person gave him. Use *m* to represent the money he got. Use your equation to determine how much money he got from each person.

11) Write two ratios to represent relationships seen below. Label your ratios with the names of the shapes.



5 yards = 15 feet

1) 

2) 40 inches

3) square units

4) 3,500

5) $3m$ or $3 \times m$

6) 40°

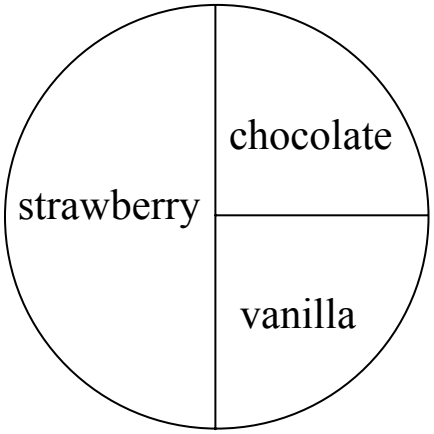
7) degrees

8) multiply by 4, add 2

9) 14

10) $\frac{1}{3}$ off

11) **Favorite Ice Cream Flavor of 400 Fifth Graders**



2 kilometers = 2,000 meters

1) triangular pyramid

2) -7° F

3) volume

4) 18

5) 3rd grade girls

6) $\frac{5}{4}$ or $1\frac{1}{4}$

7) (3, -2)

8) 75 minutes

9) 15

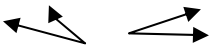
10) -20° F, -15° F, -10° F, -8° F

11) $c = 2 + (.50 \times n)$

Number of Toppings (*n*)	**Cost of Sundae (*c*)**
Plain Ice Cream	$2.00
1	$2.50
2	$3.00
3	$3.50
4	$4.00

8 quarts = 2 gallons

1) 8

2) any angle less than 90°, arrows should be at the end of the rays 

3) 14

4) 18

5) multiply the previous number by 2, then subtract 1

6) 60 cm

7) She can serve twelve 8 ounce cups of juice.

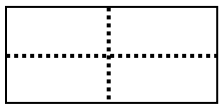
8) $\frac{1}{2}$ or 1 out of 2 or equally likely

9) 74 inches

10) any number 13 or smaller

11) The distributive property allows you to break the numbers apart to make them easier to work with. 53 is the same as 50 + 3 so you can multiply 50 × 8 and 3 × 8 and add the products together. (50 × 8) + (3 × 8) = 400 + 24 = 424

4 liters = 4,000 milliliters

1) 

2) 50

3) As the number of minutes increases, the amount of water in the tank decreases by 2 gallons each minute.

4) 24.93

5) $\frac{4}{11}$

6) $\overrightarrow{AB}$ and $\overrightarrow{EF}$ or $\overrightarrow{CD}$ and $\overrightarrow{EF}$

7) surface area

8) 40% and $\frac{2}{5}$

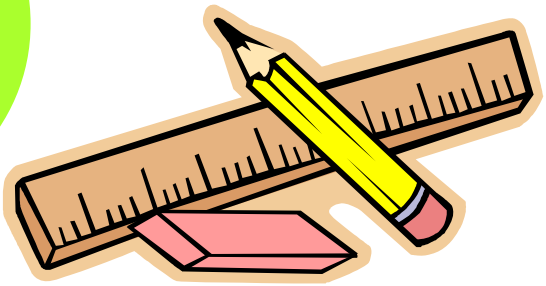
9) 32 inches

10) $8 + 4m = 68$ or $4m + 8 = 68$ He got \$15 from each person.

11) Answers will vary. Some of the possible solutions include: 8 squares to 6 triangles, 5 circles to 8 squares, 6 triangles to 19 shapes, 5 circles to 6 triangles, 8 squares to 19 shapes

Homework
Week 2
Grade 5

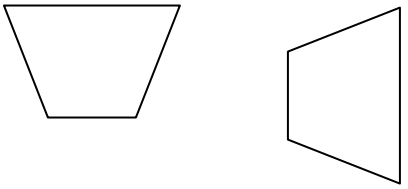
Name _____



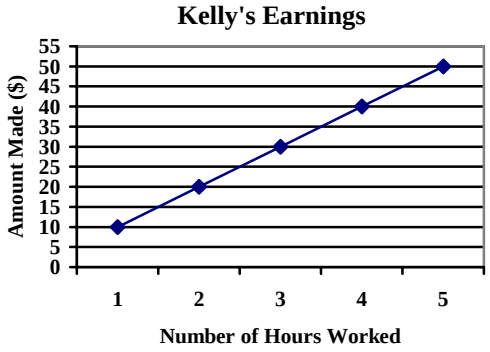
Week 2
Day 1

5 pounds = _____ ounces

1) Are these figures congruent or similar?



2) What does the graph tell you about Kelly's earnings?



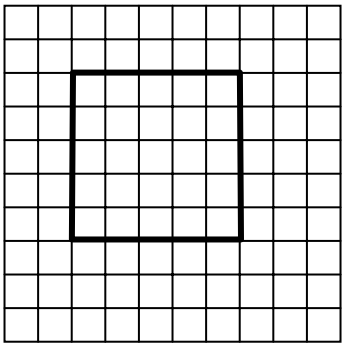
3) Find the mean of the following numbers.
25, 21, 25, 25, 19

4) What is the relationship between the diameter and the circumference of a circle?

5) 324 – 19.7 =

6) Find the median of these numbers.
65, 58, 68, 55, 53, 60

7) Greg said that the area of the square below is 25 units. Is he correct?



8) Simplify: 18 – 6 ÷ 3 + 4

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

9) What is the value of x in the equation below?

$4x = 72$

10) Round $3\frac{7}{8}$ to the nearest half.

11) Write a rule to determine how to get the output number from the input number.

Input	Output
2	5
5	11
8	17
12	25

Rule _____

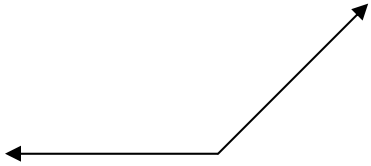
Complete the table below with a different set of numbers that follows the same rule.

Input	Output

Week 2
Day 2

210 minutes = _____ hours

1) Use a protractor to measure this angle.



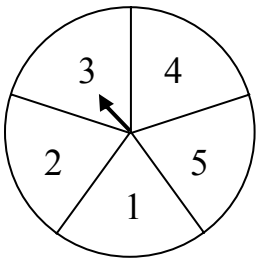
2) What is $\sqrt{36}$?

3) What is this figure? 

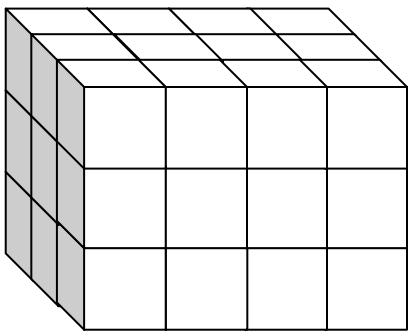
4) Maria had $25. She bought a book and now has less than $8 left. Write an inequality to represent this problem.

5) Theo lives 1.8 miles from the park. He rides his bicycle to the park and back every day. About how many miles does he ride each week?

6) Each outcome is determined by spinning the spinner and then flipping the coin. How many possible outcomes are there?



7) What is the volume?



1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

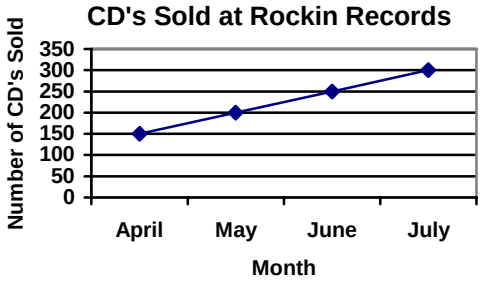
10)_____

8) There are 3,588 ping pong balls that need to be put into 123 boxes. What is a reasonable estimate of the number of ping pong balls that will be in each box?

9) Which of the following is a solution for the inequality $3r \leq 25$?

8, 9, 10

10) If the current trend continues, how many CD's would you expect to be sold in September?



11)

What is the measure of angle A? Explain your answer.

2 tons = _____ pounds

1) A circular table measures 4 feet across the middle. About how long is the circumference of the table?

1) _____

2) Round 63.48 to the nearest tenth.

2) _____

3) The chart shows the number of push-ups done by four students.

Name	Number of Push-ups
Matt	12
Jon	8
Marco	10
Wes	18

Find the mean number of push-ups.

3) _____

4) _____

5) _____

6) _____

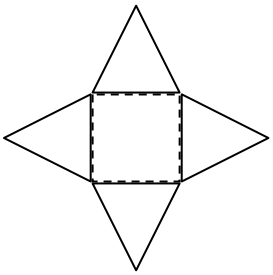
7) _____

4) Becca had $13. Her mother paid her $5 an hour to help clean the house. Becca now has $33. Write an equation that could be used to determine how many hours she worked. Use *h* to stand for the number of hours.

8) _____

9) _____

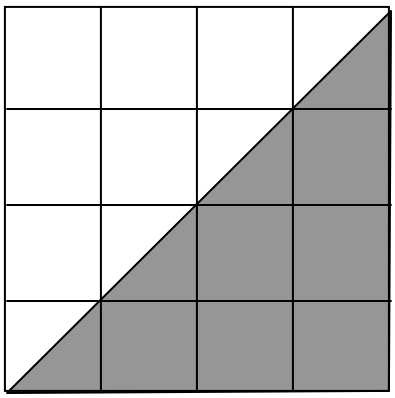
5) What three dimensional object will this net create?



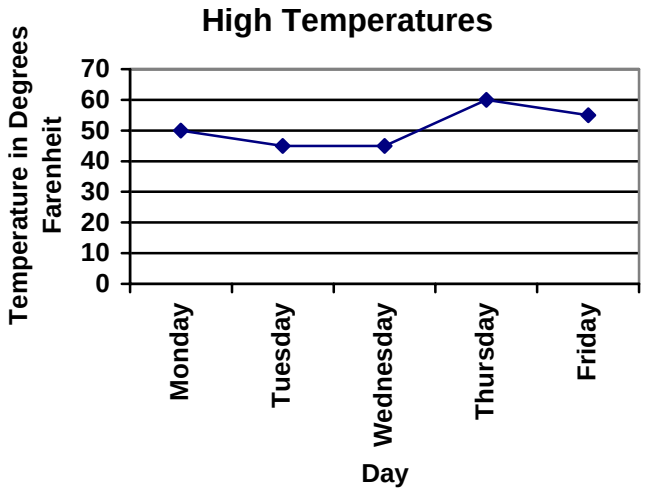
10)_____

6) Write two fractions that are equivalent to $\frac{1}{3}$.

7) What is the area of the triangle?



8) Find the median, mode, and mean of the high temperatures shown on the graph.



9) In David's class there are 12 girls and 15 boys. What is the ratio of boys to the class?

10) Leanne needs 54 inches of ribbon to complete her scrapbook. She has 5 feet of ribbon. How much ribbon will she have left when her scrapbook is done?

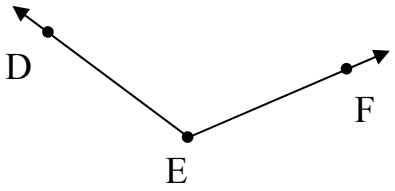
11) Draw one acute angle and one obtuse angle. Label each angle. Use a protractor to measure the angles. Write the measure of each angle in the interior of the angle.

Week 2
Day 4

5 meters = _____ centimeters

1) Tickets to the movies cost $5.95 each. Tara and three of her friends bought tickets. How much did it cost for all of them to go to the movies?

2) Use a protractor to find the measure of angle DEF.



3) The letters that spell the word Cleveland are each put on separate index cards. The cards are put in a bag and one is randomly pulled out. What is the probability that the card will show a letter "l"?

4) Lisa is baking cookies. It takes her 20 minutes to mix the batter and 8 minutes to bake each pan of cookies. She wants to know how many pans of cookies she can make in 60 minutes. Write an equation to represent this situation. Use *p* to stand for the pans of cookies.

5) Alice bought $5\frac{7}{8}$ pounds of red apples and $2\frac{4}{9}$ pounds of green apples. Estimate how many pounds of apples she bought in all.

6) Mitch has a blue shirt, a green shirt, and a white shirt. He has tan pants, brown pants, and black pants. How many different outfits can he make?

7) Which of the following numbers is the largest?
-15, -20, -10, -25

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

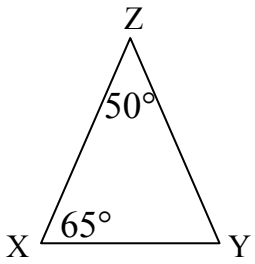
7) _____

8) _____

9) _____

10)_____

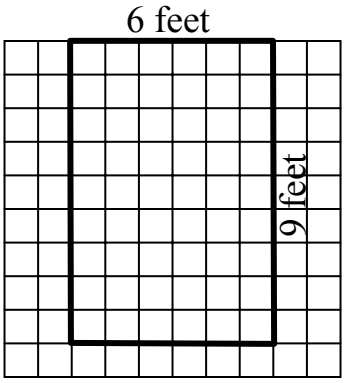
8) Without using a protractor, find the measure of angle Y.



9) There are 538 students at North Elementary School. If there are 21 classrooms in the building, about how many students will be in each class?

10) What is the relationship between the radius and the diameter of a circle?

11) A drawing of Raymond's garden is shown on the grid below. He wants to put a fence around his garden. Each section of fencing is 3 feet long. How many sections of fencing will Raymond need? Explain your answer.



5 pounds = 80 ounces

1) congruent

2) Kelly makes $10 for every hour that she works.

3) 23

4) The circumference is about three times bigger than the diameter. (π)

5) 304.3

6) 59

7) No, he is not correct. The area is 25 square units.

8) 20

9) 18

10) 4

11) multiply by 2, add 1 Answers will vary in the second table. Output numbers should follow the rule to multiply the input number by 2 and then add 1 to determine the output number.

210 minutes = $3\frac{1}{2}$ or 3.5 or 3 hours 30 minutes hours

1) 135°

2) 6

3) ray

4) $25 - b < 8$

5) 28 miles

6) 10

7) 36 cubic units

8) 30 (3600 ÷ 120)

9) 8

10) 400

11) The measure of angle A is 60°. There are 360° in every quadrilateral. Add the angles you know and subtract that sum from 360.
120 + 120 + 60 = 300 360 – 300 = 60

2 tons = 4,000 pounds

1) 12 feet

2) 63.5

3) 12 push-ups

4) $13 + 5h = 33$ or $5h + 13 = 33$

5) square pyramid

6) Answers will vary. Any fraction that has a denominator that is exactly three times the numerator is equivalent to one-third.

7) 8 square units

8) median = 50, mode = 45, mean = 51

9) 15:27 or 15 to 27 or $\frac{15}{27}$

10) 6 inches

11) Angles will vary. The acute angle should be less than 90° and the obtuse angle should be greater than 90° but less than 180°. The rays of the angles should have arrows.

5 meters = 500 centimeters

1) $23.80

2) 120°

3) $\frac{2}{9}$

4) $20 + 8p = 60$ or $8p + 20 = 60$

5) $8\frac{1}{2}$ pounds of apples

6) 9

7) -10

8) 65°

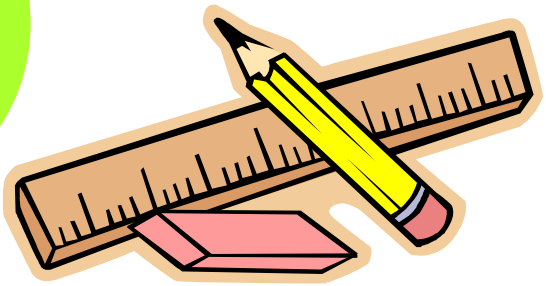
9) 25 (500 ÷ 20) or 26 (520 ÷ 20) or 27 (540 ÷ 20)

10) The diameter is twice as long as the radius. The radius is one-half the length of the diameter.

11) It will take 10 sections of fence. Each section of fence is 3 feet long so each side that is 6 feet will need 2 sections of fence. Each side that is 9 feet will need 3 sections of fence. 2 + 2 + 3 + 3 = 10

Homework
Week 3
Grade 5

Name _____



Week 3
Day 1

1 gallon = _____ cups

1) Round 234.68 to the nearest whole number.

1) _____

2) Draw a ray.

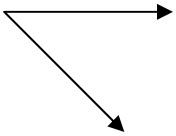
2) _____

3) Cathy had $15. She bought a game that cost *g* dollars. She now has less than $4 left. Write an inequality to represent this situation.

3) _____

4) _____

4) Estimate the measure of this angle



5) _____

6) _____

5) Write each fraction as a percent.

7) _____

$\frac{1}{10}$ = $\frac{1}{4}$ = $\frac{1}{2}$ = $\frac{3}{4}$ = $\frac{1}{5}$ =

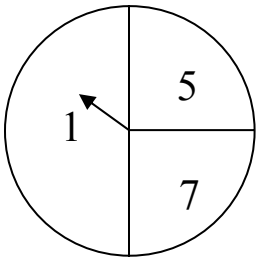
8) _____

6) DeWayne has 15 inches of rope. To fix his swing he needs 3 feet of rope. How many more inches of rope does he need?

9) _____

10)_____

7) What is the probability of spinning a 3 on this spinner in one spin?



8) Which transformation occurred between Figure A and Figure B?

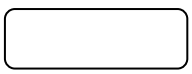


Figure A

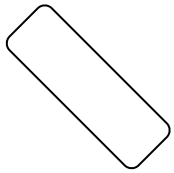
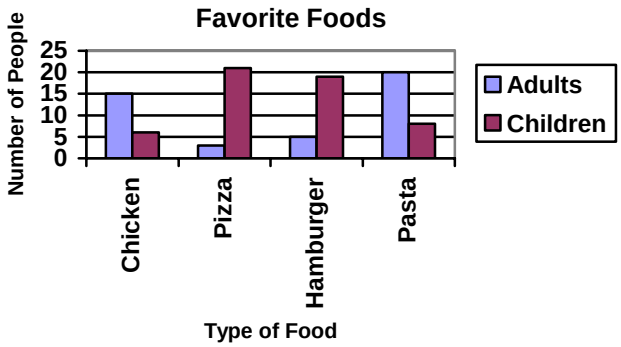


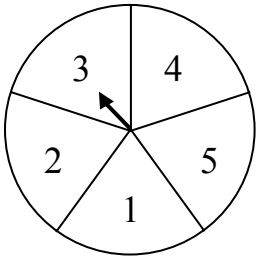
Figure B

9) Round $6\frac{1}{5}$ to the nearest half.

10) You are ordering food for adults to eat at a banquet. Using the graph below, which two foods should you order?



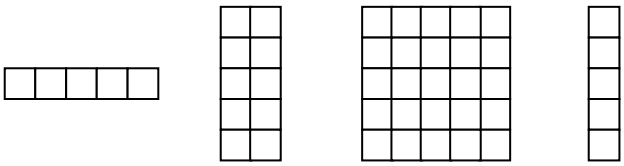
11) Each outcome is determined by spinning the spinner and then flipping the coin. List all the possible outcomes.



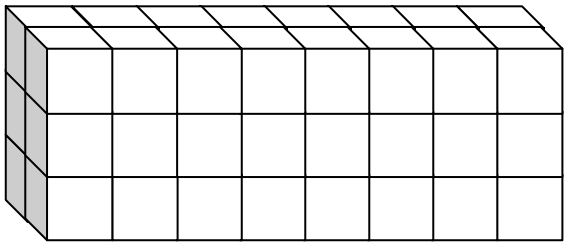
Week 3
Day 2

14 quarts = _____ gallons

1) Circle the array that represents 5^2.



2) What is the volume of this rectangular prism?



3) The number of push-ups that Rachel did every day for five days is listed below. Determine the mean and the median of the data.

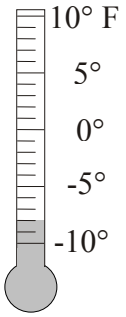
12, 10, 15, 12, 13

4) Write an inequality to represent the following situation. To win a prize students at Denton Elementary School must read at least 15 books. The more books students read the better the prize they receive. Steven has read 9 books. How many more books does he need to read to win a prize?

5) A tire has a radius of 30 centimeters. About how many centimeters long is the circumference of the tire?

6) Jarred covered a wall with wall paper. Would he use feet, square feet, or cubic feet to describe how much wall paper he used?

7) What temperature is shown on the thermometer?



1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

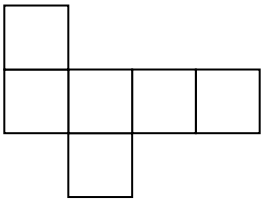
7) _____

8) _____

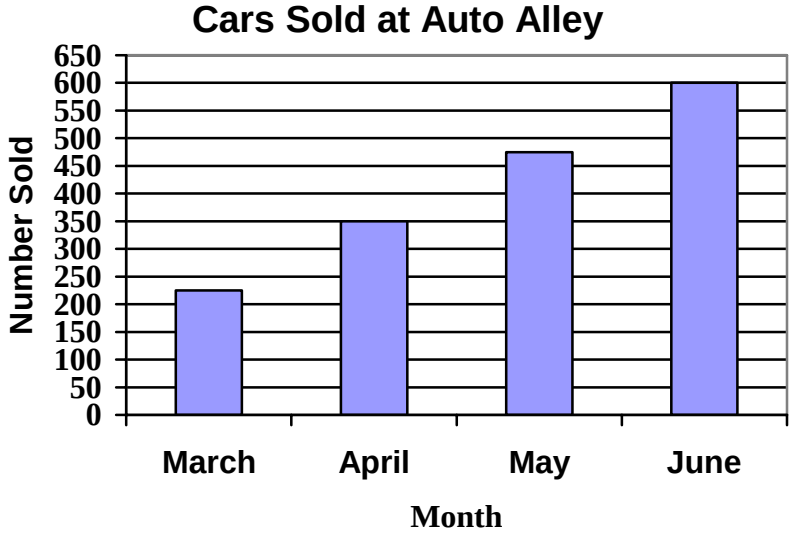
9) _____

10)_____

8) What object can be created from this net?



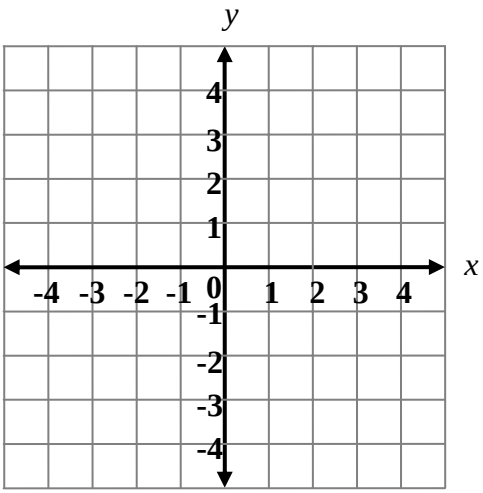
9) Based on the graph, how many cars would you expect to be sold in July if this same pattern continues?



10) Put the following numbers in order from smallest to largest.

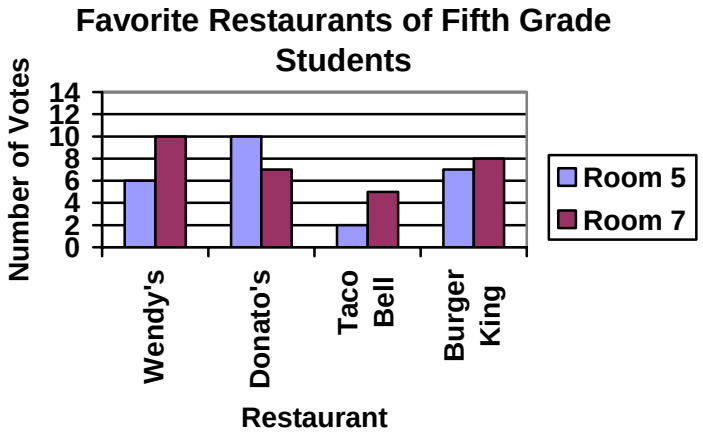
50%, $\frac{1}{3}$, 0.25, 20%

11) Plot the following points on the coordinate grid. Label each point With the appropriate letter. What geometric figure did you create?
A (-2, 2); B (4, 2); C (2, -2); D (-4, -2)



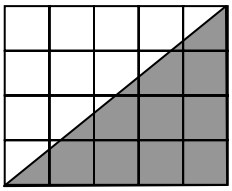
6,000 milliliters = _____ liters

1) Which restaurant was the favorite of the students in Room 5? What was the least favorite for the students in Room 7?



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

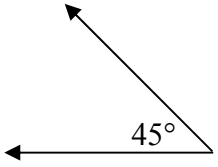
3) What is the area of the triangle?



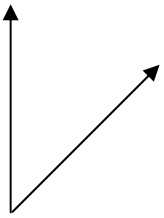
4) Fill in the table with numbers that follow the rule multiply by 2, add 1.

Input	Output

5) Angle A is rotated 90° to create Angle B. What is the measure of Angle B?



Angle A



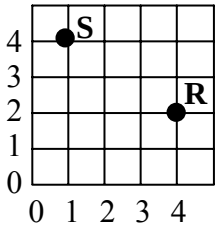
Angle B

1) _____
2) _____
3) _____
4) _____
5) _____
6) _____
7) _____
8) _____
9) _____
10) _____

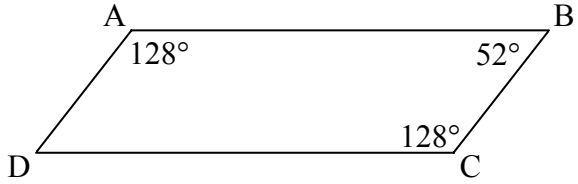
Week 3
Day 3

6) To solve the problem $2 \times 13 \times 5$ mentally Susan multiplied 2×5 to get 10 and then multiplied 10×13 to find the final product of 130. What property did Susan use to make this problem easier to solve mentally?

7) Point R and point S are shown on the grid. What is the direction and number of units from point R to point S along the grid lines?

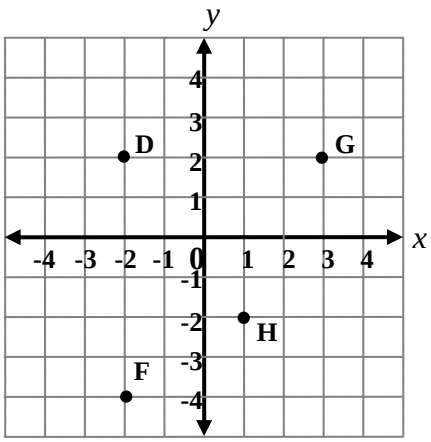


8) What is the measure of angle D?

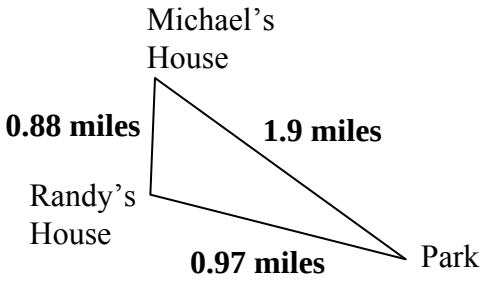


9) Jalyn is making bracelets to sell at the craft show. She already has 6 bracelets made. She can make 4 bracelets in an hour. Write an expression that could be used to determine how many bracelets she would have after any number of hours, *h*.

10) Give the ordered pair and the letter of any point where both numbers are negative.



11) Every day Randy takes his dog Rex on a walk to Michael's house, then to the park and then back to his house. Use the diagram to estimate about how far Randy walks in a week. Explain your answer.

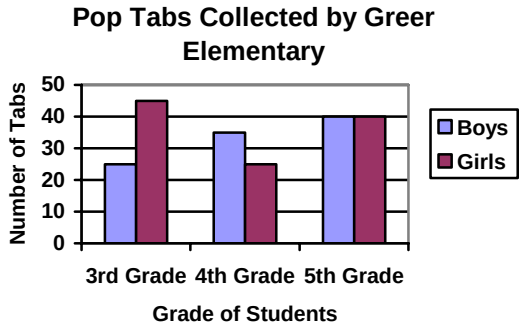


Week 3
Day 4

2 kilometers = _____ meters

1) The length of each side of a square is equal to $\sqrt{25}$ units. What whole number is the length of each side?

2) Which grade has collected the most tabs? How many did they collect?



3) What is the rule for this input-output table?

Input	Output
2	10
4	20
7	35
9	45

4) Lilly is doing a science experiment. She has a container that holds 5 liters of liquid. She is pouring different colors of water into the large container and watching what happens to the color of the combined water. She has 1500 milliliters of blue water, 250 milliliters of green water, 2000 milliliters of yellow water and 1750 milliliters of red water. Will all of the water fit in the large container? How much water is there when all of the colors of water are combined?

5) 5.43 + 18.9 =

6) At the store there are several different book bags that can be ordered. Bags are blue, orange or tan and the trim can be green, yellow or white. How many different bags can be ordered ?

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

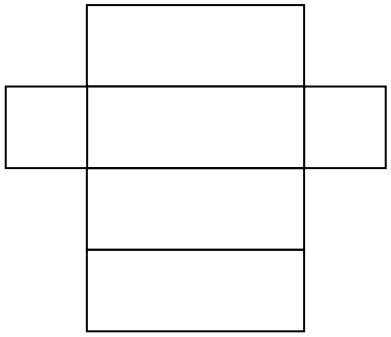
10) _____

7) Draw a set of parallel lines.

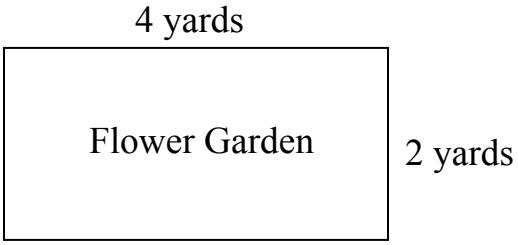
8) Simplify: $14 - 12 \div 3 + 5$

9) Luis is giving pony rides at the fair. It takes him 15 minutes to get the ponies ready. Each ride lasts 4 minutes. Write an equation that Luis could use to determine how many rides, *r*, he can give in 120 minutes.

10) What three-dimensional object will result from folding this net?



11) Fencing comes in two-foot lengths. How many 2-foot lengths would it take to go around the rectangular garden shown below? Explain your answer.



1 gallon = 16 cups

1) 235

2) Answers will vary. 
Be sure to include an endpoint and an arrow to show that the ray extends indefinitely in one direction.

3) $15 - g < 4$

4) 45° It is about half of a right angle which is 90°.

5) 10%, 25%, 50%, 75%, 20%

6) 21 inches

7) 0, There is not a 3 on the spinner so it is impossible to spin a 3.

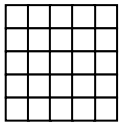
8) rotation

9) 6

10) chicken and pasta

11) (1, h), (2, h), (3, h), (4, h), (5, h), (1, t), (2, t), (3, t), (4, t), (5, t)

14 quarts = 3.5 or $3\frac{1}{2}$ or 3 gallons 2 quarts gallons

1) 

2) 48 cubic units

3) mean = 12.4 median = 12

4) $9 + b \geq 15$ (The variable can be any letter.)

5) 180 centimeters

6) square feet

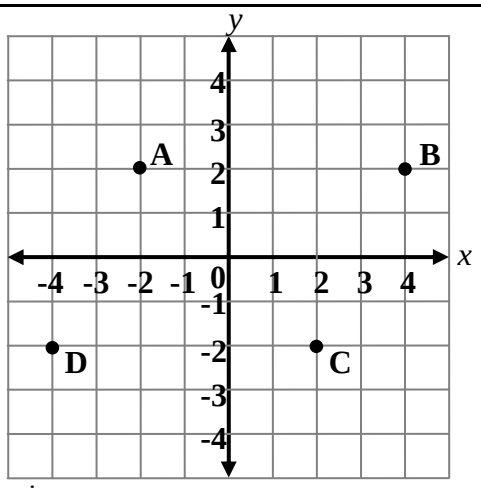
7) -8° F

8) a cube

9) 725 cars

10) 20%, 0.25, $\frac{1}{3}$, 50%

11) parallelogram



6,000 milliliters = 6 liters

1) Room 5 Favorite = Donato's
Room 7 Least Favorite = Taco Bell

2) $\frac{13}{12}$ or $1\frac{1}{12}$

3) 10 square units

4) Answers will vary. For example: 4 and 9, 5 and 11, 9 and 19, 20 and 41

5) 45°

6) commutative

7) 2 units up and 3 units left or 3 units left and 2 units up

8) 52°

9) $6 + 4 \times h$ or $4 \times h + 6$ or $6 + 4h$ or $4h + 6$

10) (-2, -4) F

11) 28 miles - Each day Randy walk about 4 miles (1mile to Michael's house, 2 miles to the park, and 1 mile back home).
4 miles × 7 days = 28 miles

2 kilometers = 2,000 meters

1) 5 units

2) 5th Grade – They have collected 80 tabs.

3) multiply the input by 5 to get the output

4) No, 5.5 liters or 5,500 milliliters

5) 24.33

6) 9

7) Answers will vary. 

8) 15

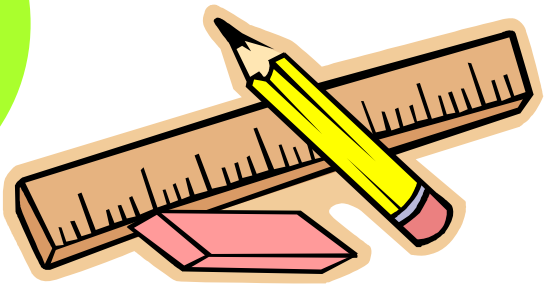
9) $15 + 4r = 120$ or $15 + 4 \times r = 120$

10) rectangular prism

11) You would need 18, 2-foot sections of fence. The perimeter is 12 yards which is 36 feet (12 × 3). 36 feet ÷ 2 feet = 18 sections of fence

Homework
Week 4
Grade 5

Name _____

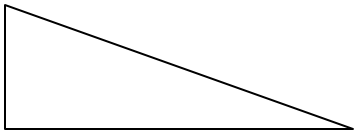


21 inches = _____ feet

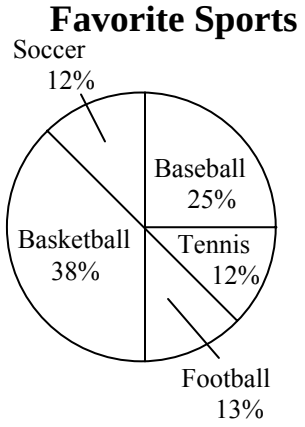
1) At the candy store there are 2,369 jelly beans in a jar. One-fourth of the jelly beans are green. About how many are green?

2) Rashon needs to have at least $30 before he can go to King's Island. He would like to have extra money to buy food and souvenirs. He has $12 right now. Write an inequality that could be used to find out how much money (*m*) he should earn before he goes to King's Island.

3) What is the sum of the interior angles of this triangle?



4) 300 people were asked to name their favorite sport. The circle graph shows the results. How many people said baseball?



5) Mrs. Martin has 25 boxes of markers. There are 12 markers in each box. How many markers does she have?

6) What are the next three numbers in this pattern?

3, 4, 6, 9, 13 _____, _____, _____

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

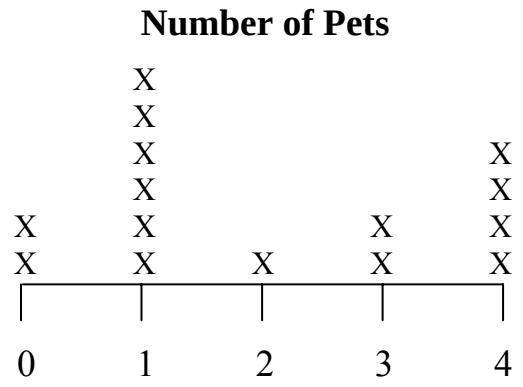
7) _____

8) _____

9) _____

10) _____

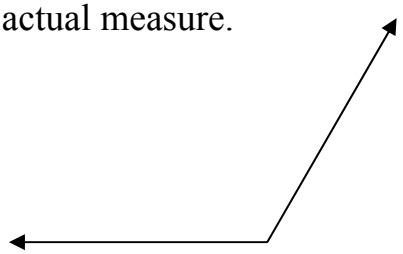
7) What is the mode of this data?



8) Sonjay needs 2 gallons of paint to paint his room. He has 5 quarts and 1 pint of paint. How much more paint does he need to finish the room?

9) $\frac{2}{3}$ and $\frac{8}{12}$ are equivalent fractions. What form of "one" was $\frac{2}{3}$ multiplied by to get $\frac{8}{12}$?

10) Estimate the measure of the angle and then use a protractor to find the actual measure.



11) Draw a net for a cube.

Week 4
Day 2

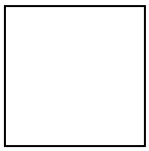
14 yards = _____ feet

1) Which list has three equivalent numbers?

A. $\frac{7}{9}$, 0.79, 79% B. $\frac{1}{2}$, 0.2, 20%

C. $\frac{1}{4}$, 0.4, 40% D. $\frac{2}{5}$, 0.4, 40%

2) Find the perimeter of the square.

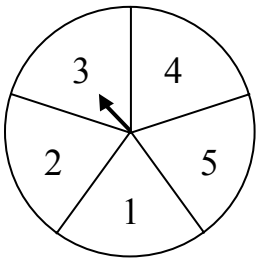


8 inches

3) The table shows the number of pets that each person has. Calculate the mean number of pets. Explain what the mean indicates about the number of pets.

Name	Number of Pets
Jacim	0
Carlos	3
Jon	1
Lara	4
Beth	2

4) You spin this spinner 50 times. How many times would you expect it to land on the number 4?



5) What fraction could be used to simplify $\frac{12}{15}$ to lowest terms?

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

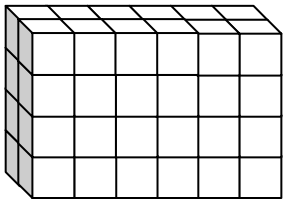
6) The table shows the amount of time it takes Jeff to paint part of a wall.

Area on Wall (in square inches)	Time to Paint (minutes)
450	30
600	40
750	50
900	60

Write an expression that tells how the amount of time Jeff needs to paint a wall is related to the amount of square inches on the wall.

Jeff needs to paint 300 square inches. How long will it take?

7) What is the volume of this figure?



 = 1 cubic inch

8) What is the sum of the interior angles of this parallelogram?

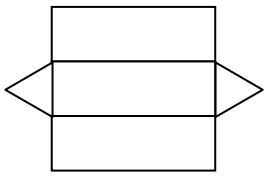
9) What is the relationship between the diameter and the circumference of a circle?

10) $2\frac{1}{2} + 1\frac{3}{4} =$

11) Write a problem situation that is represented by the equation $5 + 10x = 45$.

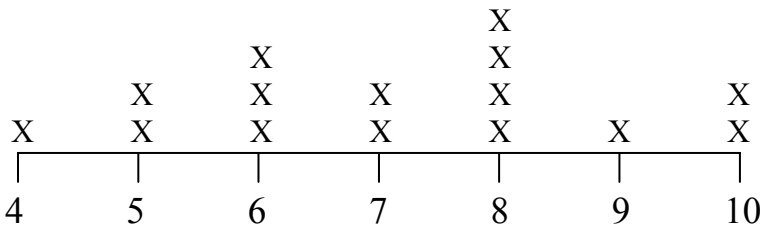
2 kilograms = _____ grams

1) What three dimensional object can be created from this net?



2) What is the mode of the data shown on the line plot?

Hours Per Week Spent Doing Homework



3) What is the rule for this table?

X	Y
2	3
4	7
5	9
10	19

4) Put the following numbers in order from greatest to least.

-15, 12, -5, 0, 1

5) What unit is used to measure angles?

6) Give the value of 6^2.

7) Write an expression that could be used to change any number of pounds (p) into ounces.

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

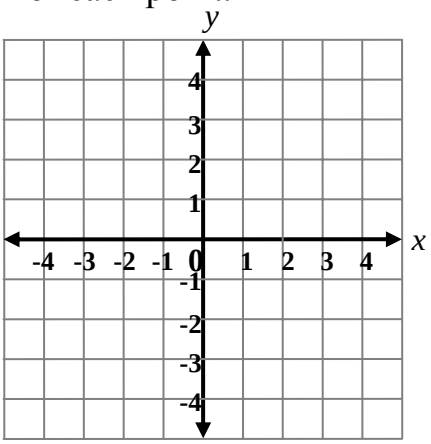
8) _____

9) _____

10)_____

Week 4
Day 3

8) Place one point in each quadrant. Label your points A, B, C, and D. Give the ordered pair for each point.



A = _____ B = _____ C = _____ D = _____

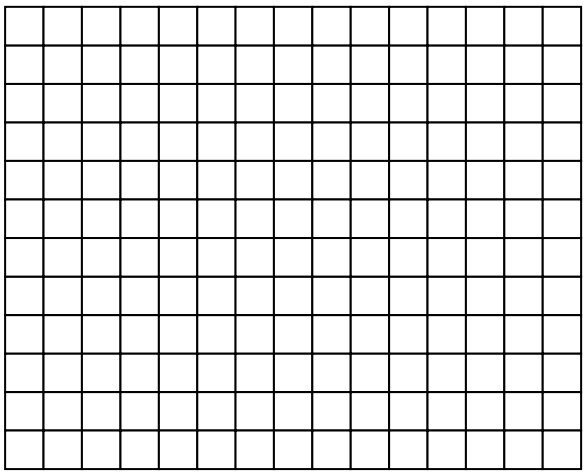
9) Michael went to the store and bought 5 notebooks that each cost $3.29, 5 pencils that each cost $0.49, and a CD that cost $14.98. How much did he spend?

10) In a bag there are 3 green, 5 red, and 2 yellow cubes. Myra reaches into the bag, without looking, pulls out a cube, records the results, and places the cube back in the bag. The table shows her results for 20 pulls.

Color	Number Pulled
green	3
red	10
yellow	7

How do the results for yellow compare to the number of times she theoretically should have pulled yellow?

11) Draw a rectangle on the grid. Determine the area and perimeter of the rectangle.



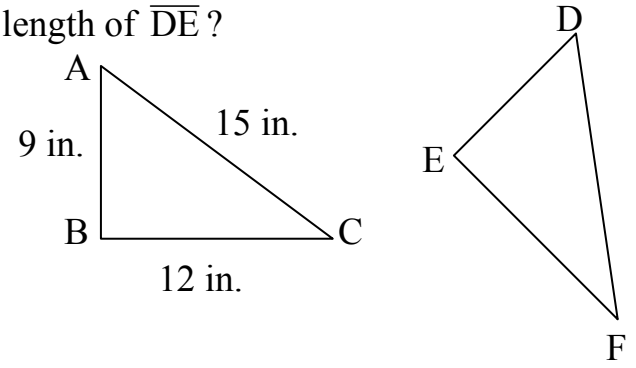
Area = _____

Perimeter = _____

Week 4
Day 4

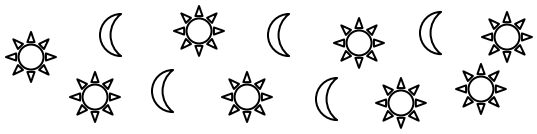
_____ pounds = 128 ounces

1) Triangle ABC and Triangle DEF are congruent. What is the length of $\overline{DE}$?



2) The movie lasted for $2\frac{1}{4}$ hours. How many minutes long was the movie?

3) What is the ratio of suns to moons?



4) What is the relationship between the radius and the diameter of a circle?

5) Denny bought $2\frac{1}{16}$ pounds of chocolate and $1\frac{3}{4}$ pounds of taffy. Estimate how many pounds of candy Denny bought.

6) Write a sequence of 4 numbers that follow the rule add eight.

7) The auditorium has 5 sections. Each section has 14 rows. Each row has 18 seats. There are 560 seats in all. You can multiply $5 \times 14 \times 8$ to find the total number of seats in the auditorium. Which other expression also represents the total number of seats in the auditorium?

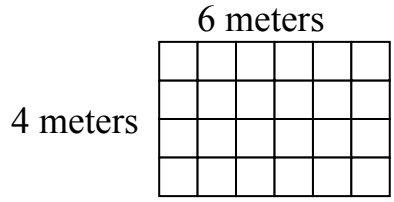
A. $(5 \times 14) + (5 \times 8)$ B. $(5 + 14) + 8$
C. $(5 + 8) + (14 + 5)$ D. $5 \times 8 \times 14$

1) _____
2) _____
3) _____
4) _____
5) _____
6) _____
7) _____
8) _____
9) _____
10) _____

8) The table shows the number of tickets sold to the carnival for five days. Calculate the mean number of tickets sold.

Day	Tickets Sold
Monday	20
Tuesday	25
Wednesday	20
Thursday	30
Friday	45

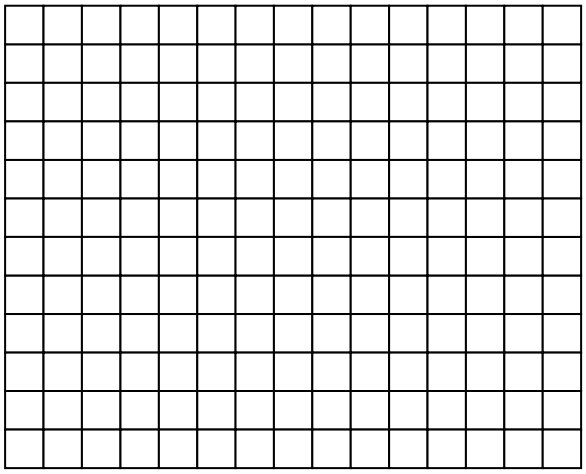
9) The dimensions of Larry's tree house are shown.



Write an expression that could be used to find the number of square meters in Larry's tree house

10) Seth makes $10 an hour at the pizza shop. What is the relationship between the number of hours that Seth works and the amount of money that he makes? Write an expression to represent the amount of money that Seth makes for any number of hours, *h*, that he works.

11) Create a line graph to represent the data shown in the table. Be sure to label your graph



High Temperature

Day	Degrees F
Monday	50°
Tuesday	55°
Wednesday	60°
Thursday	50°
Friday	45°

21 inches = $1\frac{9}{12}$ or $1\frac{3}{4}$ feet or 1 foot 9 inches

1) 600 (2,400 ÷ 4) or 500 (2,000 ÷ 4)

2) $12 + m \geq 30$ or $m + 12 \geq 30$

3) 180°

4) 75 people said baseball.

5) 300 markers

6) 18, 24, 31

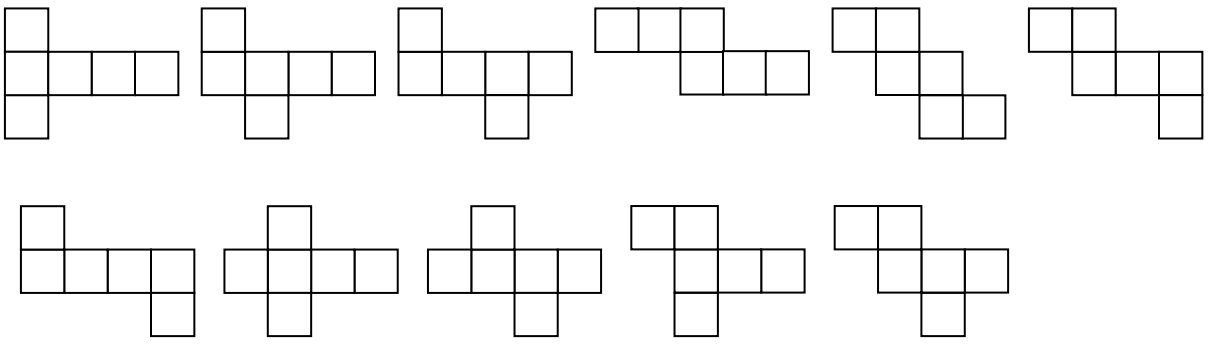
7) 1

8) 2 quarts and 1 pint or 5 pints

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

10) Estimates will vary. 120°

11) There are eleven possible nets.



14 yards = 42 feet

1) D

2) 32 inches

3) mean = 2 If everyone had exactly the same number of pets, they would all have 2 pets.

4) 10 times

5) $\frac{3}{3}$

6) Every 10 minutes Jeff can paint 150 square inches on the wall. The expression $15t$ could be used to determine how much he could paint in any amount of time. It will take 20 minutes to paint 300 square inches.

7) 48 cubic inches

8) 360°

9) The circumference is about 3 times the diameter. The diameter is about one-third of the circumference.

10) $4\frac{1}{4}$

11) Answers will vary.

2 kilograms = 2,000 grams

1) triangular prism

2) 8 hours

3) multiply by 2, subtract 1

4) 12, 1, 0, -5, -15

5) degrees (°)

6) 36

7) $16p$ or $16 \times p$

8) Answers will vary. Signs on the ordered pairs need to include (+, +); (+, -); (-, +); and (-, -)

9) $33.88

10) She should have pulled yellow 4 times (2 times out of 10 would be 4 times out of 20). She pulled yellow 3 more times than expected.

11) Answers will vary. Area should be given in square units and perimeters should be given in units.

8 pounds = 128 ounces

1) 9 inches

2) 135 minutes

3) 8 to 5 or 8:5

4) The diameter is 2 times longer that the radius. The radius is one-half of the diameter.

5) 4 pounds

6) Answers will vary. For example: 1, 9, 17, 25 or 2, 10, 18, 26

7) D

8) mean = 28

9) 6×4 or 4×6

10) The more hours Seth works, the more money he makes. $10 \times h$ or $10h$

11)