Homework
Week 1
Grade 4

Name_____

Week 1
Day 1

1 gallon = _____ quarts

1) Draw an obtuse angle.

1) _____

2) Round 56,363 to the nearest ten thousand.

2) _____

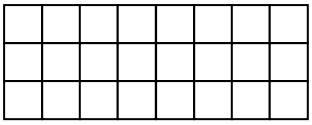
3) Find the perimeter of the rectangle.

18 inches

12 inches

3) _____

4) What is the area of this rectangle?



4) _____

5) Melinda buys a coat for $16.95. She gives the clerk $20.00. How much change should Melinda receive?

5) _____

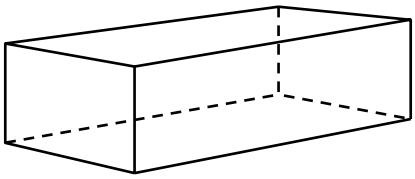
6) Manny is making a pattern with numbers.

8, 19, 30, 41

What is the rule for the pattern?

6) _____

7) Name this shape.



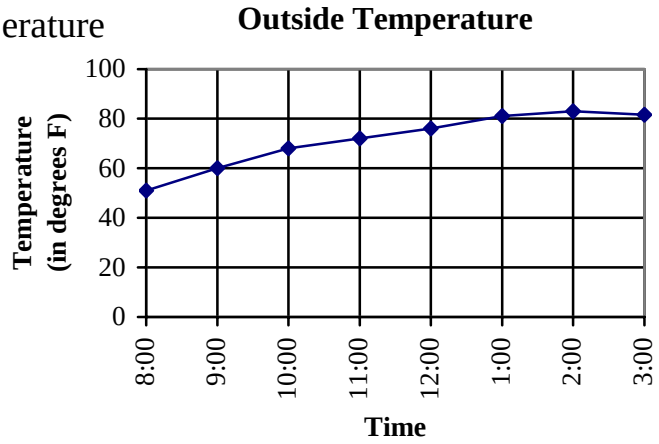
7) _____

8) _____

9) _____

10) _____

8) Between what times did the temperature increase at the same rate?



9) On the first day of track, Leon did 25 jumping jacks, on the second day, he did 35 jumping jacks. On the third day, he did 45 and so on. If Leon keeps this rate, how many jumping jacks will he do on the tenth day?

10) Write a prime number.

11) Mrs. Leigh recorded the number of pizzas sold for the class fundraiser.

Name	Number of Pizzas Sold
Niki	8
Jameson	7
William	6
Jalen	12
Min	15
Luke	6
Pam	9

Determine the range, the median, and mode for the number of pizzas sold.

Week 1
Day 2

1 mile = _____ feet

1) Rico is filling the tub with water. Which container, one-quart or one-gallon, could he use to make the fewest trips to the faucet?

2) Draw two similar shapes.

3) In a bag there are different-colored centimeter cubes. There are 8 red, 13 blue, 4 green and 16 yellow cubes. List the colors in order from least likely to be picked to most likely picked, if someone reached into the bag and picked one cube.

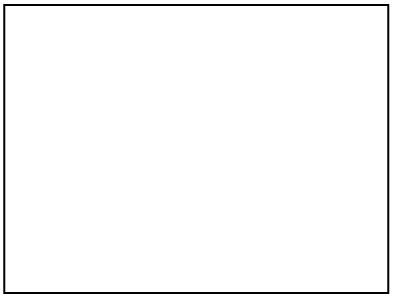
4) Estimate the sum of 4,336 + 8, 256.

5) Write a composite number between 20 and 30.

6) Maria has blue shorts, black shorts, a white top, red top, and yellow top. How many different outfits can Maria make?

7) Measure each side of the rectangle using inches.

_____ inches

_____ inches  _____ inches

_____ inches

8) Min works at the school store in the mornings before school. She was unpacking an order of 24 boxes of erasers. Each box contains 50 erasers. Write an equation that would help Min find out how many erasers she received?

9) Write a whole number that makes this number sentence true. □ + 5 < 14

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

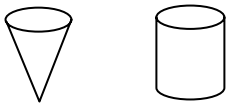
8) _____

9) _____

10) _____

10) An angle that measures more than 90° is called _____

11) A cone and a cylinder are shown.



Give one way that the cone and cylinder are alike.

Give one way the cone and cylinder are different.

Week 1
Day 3

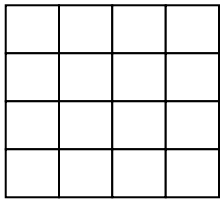
_____ millimeters = 1 meter

1) Draw an acute angle.

2) An auditorium has 12 rows of seats. Each row has the same number of seats. The auditorium has 144 seats. Write an equation that can be used to find the number of seats, *s*, in each row.

3) Round 36,887 to the nearest thousand.

4) Shade $\frac{3}{4}$ of the shape below.



5) It is 3:25 p.m. What time will it be in 2 hours and 10 minutes?

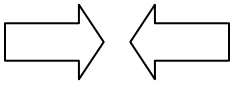
6) Draw parallel lines.

7) Mrs. Lewis paid for a pair of jeans with $20.00. She received $2.78 back in change. How much did the jeans cost?

8) What is the rule for the table?

input	output
15	5
18	6
21	7
24	8

9) What transformation changed the shapes?



1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

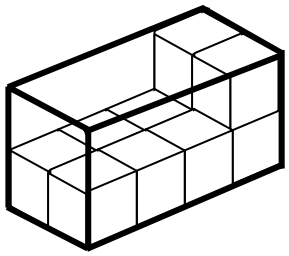
7) _____

8) _____

9) _____

10)_____

10) If the box was filled with cubes, what is the volume of the box?



11) Rosa made the pattern shown.

7, 19, 31, 43, ___, ___, ___

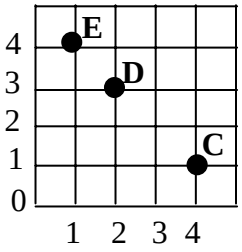
What are the next three numbers?

Describe the pattern.

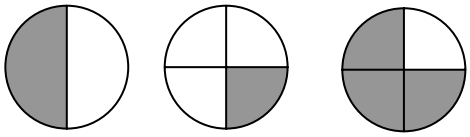
Week 1
Day 4

1 meter = _____ centimeters

1) What letter is located at (4, 1) on the grid?

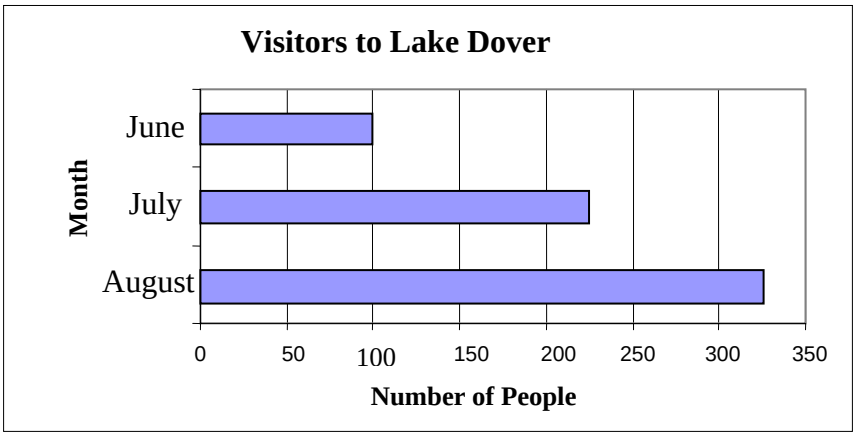


2) Order the fractions from largest to smallest.



3) How many inches are in 10 feet?

4) The bar graph shows the number of people who visited Lake Dover each month in the summer. How many more people visited the lake in August than in June?



5) What measure is given in square feet?

6) Find the median of 19, 28, 62, 43, 31.

7) Write 320,072 in expanded form.

1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

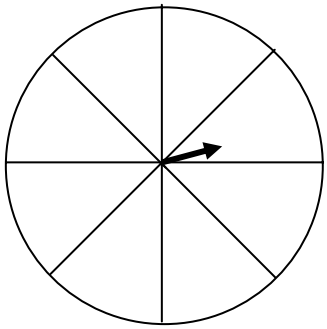
7) _____

8) _____

9) _____

10)_____

8) Write numbers in the spinner so that the probability of landing on an even number is 0.



9) A box of crackers weighs about 300 grams or kilograms?

10) How many outfits can you make if you have black, blue, and white shorts and a white, yellow, and green shirt?

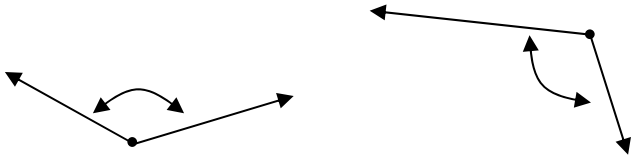
11)

Write a fraction that is equal to one. _____

Use pictures or numbers to show or explain why your fraction is equal to one.

1 gallon = 4 quarts

1) Answers will vary. Any angle that measures greater than 90º but less than 180°. For example:



2) 60,000

3) 60 inches

4) 24 square units

5) $3.05

6) add 11

7) rectangular prism

8) It is the same between 8:00-9:00 and between 9:00 and 10:00.

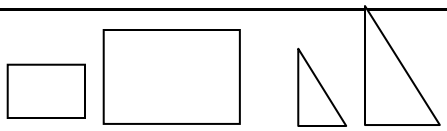
9) 115 jumping jacks

10) Answers will vary. Any prime number.

11) Range 9, Median 8, Mode 6

1 mile = 5,280 feet

1) one-gallon

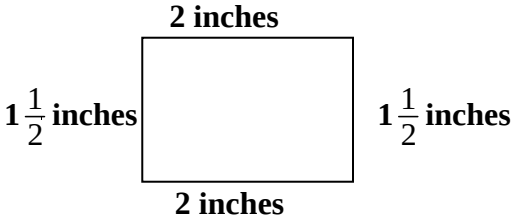
2) Answers will vary. 

3) green, red, blue, yellow

4) 12,000

5) 21, 22, 24, 25, 26, 27 or 28,

6) 6 outfits

7) 

8) 24 × 50 or by repeated addition of adding 50, 24 times

9) any number that is 8 or less

10) obtuse

11) Sample correct answers:

A cone and cylinder are alike because both are 3-dimensional. They are different because a cylinder has circles at both ends and a cone narrows to a point at one end.

OR

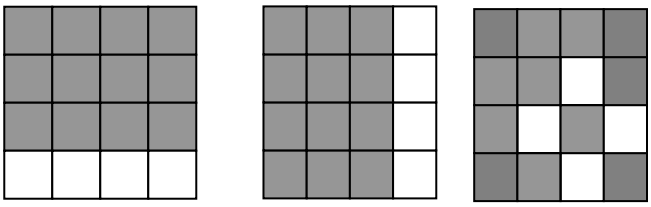
They both have a circle for a base. The cone has two faces but the cylinder has three faces.

1000 millimeters = 1 meter

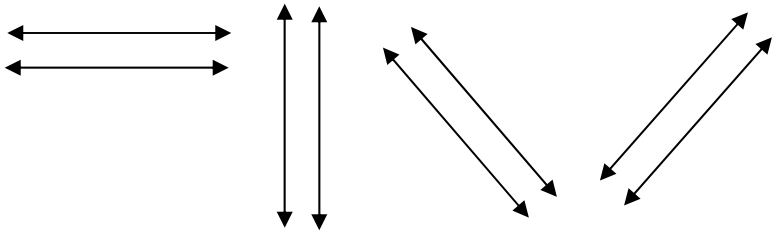
1) Answers will vary. Any angle with a measure less than 90º

2) $144 \div 12 = s$ or $12 \times s = 144$

3) 37,000

4)  **(or shade in any 12 squares)**

5) 5:35 p.m.

6) 

7) The jeans cost $17.22

8) The rule is divide by 3

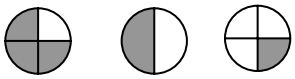
9) reflection

10) 16 cubic units

11) The next three numbers are 55, 67, and 79
The rule is to add 12.

1 meter = 100 centimeters

1) C

2) 

3) 120 inches

4) 225 more people

5) area

6) median-31

7) 300,000 + 20,000 + 70 + 2

8) any odd numbers

9) 300 grams

10) 9 outfits

11) Answers will vary. For example: $\frac{4}{4}$ It is equal to one because the numerator is the number of parts and the denominator is the number of parts in all. Since they are both 4 it means you have 4 parts and there are 4 parts in all, so it's equal to one.

Homework
Week 2
Grade 4

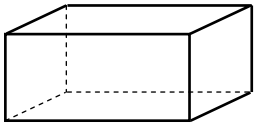
Name_____

Week 2
Day 1

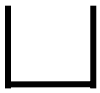
_____ days = 1 year

1) Write this number 300,000 + 40,000 + 6,000 + 700 + 30 +5 in standard form.

2) How many edges does this rectangular prism have?



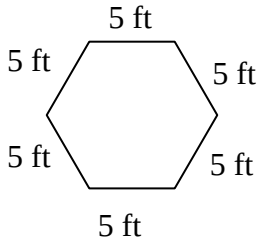
3) Is this figure a polygon?



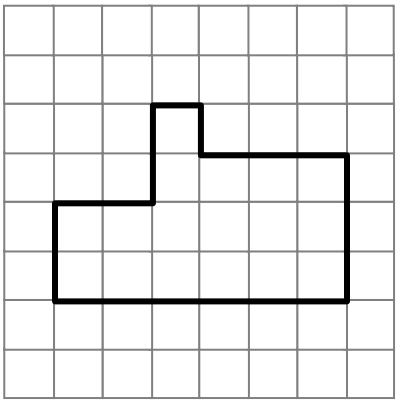
4) Manny has 7 quarters, 4 dimes, 3 nickels and 2 pennies. How much money does he have?

5) Write the prime numbers between 1 and 10.

6) Find the perimeter.



7) Maggie counted the number of units around the outside of this shape. Which measurement did she find?



1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

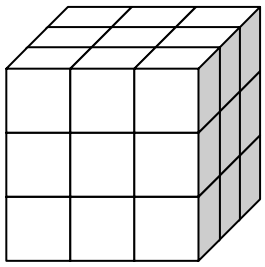
7) _____

8) _____

9) _____

10)_____

8) Devon made a tower that is 3 cubes long, 3 cubes high and 3 cubes wide. How many cubes did he use to make the tower?

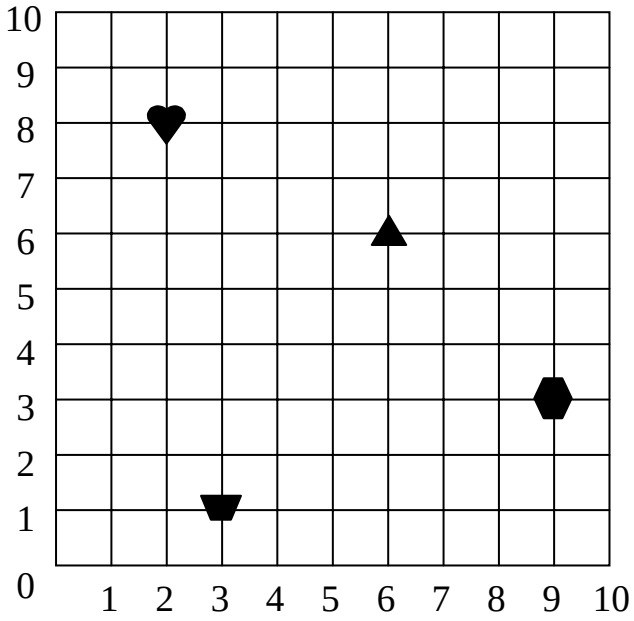


9) Lyn grew $\frac{6}{8}$ of an inch this month. Last month she grew $\frac{1}{8}$ of an inch. About how much did Lyn grow in two months?

10) Figures that are different sizes but have exactly the same shape are called

_____.

11) Name the coordinate points for all the shapes on the grid.



Week 2
Day 2

1 day = _____ hours

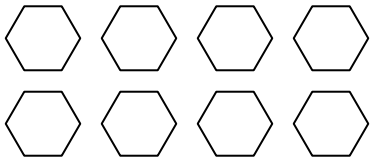
1) Draw a right angle.

1) _____

2) Which letter **X** or H has a pair of parallel line segments?

2) _____

3) Shade $\frac{3}{4}$ of the hexagons.



3) _____

4) _____

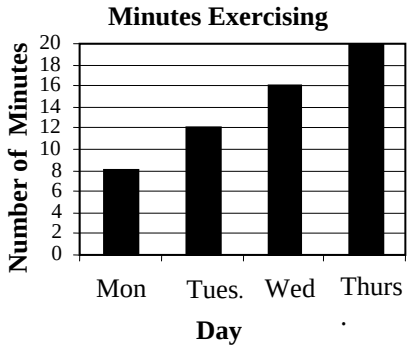
4) Which would be measured in square inches the height of building or the area of a room?

5) _____

6) _____

5) The graph shows how many minutes each day Kyle rides his bike. If the pattern continues, how many minutes will he ride his bike on Friday?

7) _____



8) _____

9) _____

10)_____

6) Find the range for this list of numbers: 23, 76, 45, 38, 93, 45, 21.

7) How many dimes are in a dollar?

8) If it is 3:24, what time will it be in 3 hours and 10 minutes?

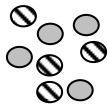
9) Mrs. Smith sold 4 tickets each to five families for the annual spaghetti dinner. How many tickets did she sell?

10) Julio ate $\frac{2}{8}$ of a pizza and his brother ate $\frac{4}{8}$. How much pizza was left?

11) At the school carnival, the fourth graders were filling pitchers with juice. The pitcher holds 2 gallons. There are 32 quarts of juice in each crate. Are there enough quarts to make 4 pitchers of juice? Explain your answer.

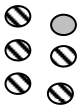
_____ quarts = 1 gallon

1) Which two piles of marbles are equally likely to have a solid marble pulled from it?



Pile 1

Pile 2



Pile 3

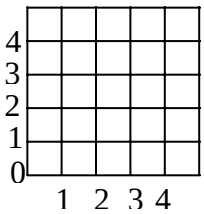
1) _____

2) _____

3) _____

4) _____

2) Plot the coordinate pairs (0, 1) and (3, 2) on the grid.



5) _____

6) _____

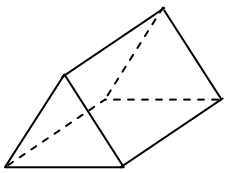
7) _____

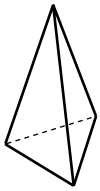
3) Danny runs a 10-kilometer race. How many meters is the race?

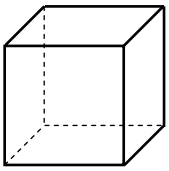
8) _____

9) _____

4) Which figure has 4 faces with 6 edges?







10)_____

5) What is a reasonable estimate for the sum of 9,434 and 3,801?

6) What is $\frac{3}{4}$ written as a decimal?

7) What number is a possible solution to this number sentence?

$12 > 5 + \triangle$

8) What kind of triangle has all 3 angles that are all less than a right angle?

9) What is the rule for the input-output table?

Input	Output
0	0
1	3
2	6

10) What is the mode of this data?

Number of Cars	
Room	Number
12	2, 1, 2, 3, 1, 1, 1
13	1, 2, 1, 2, 1, 2, 1
14	2, 2, 2, 3, 1, 1
15	1, 2, 1, 2, 1, 3

11) Raven, JJ, Ali, and Charles each put their name in a bag. Two names will be drawn. List all the possible outcomes.

_____inches = 1 yard

1) Write the standard form of twenty-two thousand, nine hundred fifty and three tenths.

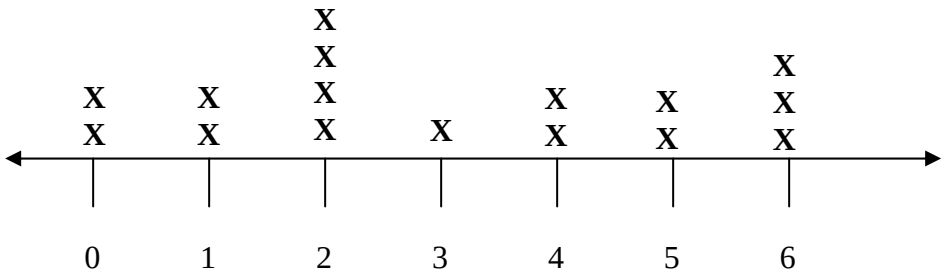
2) Draw 2 similar pentagons.

3) My sister spent $21.55 on a pair of shorts and a t-shirt. The shirt cost $8.95. What was the cost of the shorts?

4) How many feet are in 3 yards?

5) What is the mode for the number of goals scored?

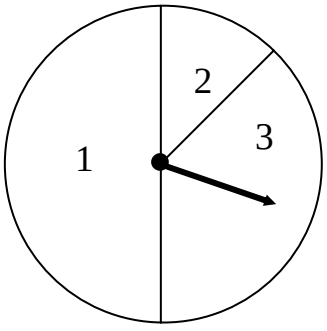
Goals Scored Each Game



6) Monica went to the movies. The movie started at 5:35 p.m. and ended at 6:55 p.m. How long was the movie?

7) Draw perpendicular lines.

8) If you spin an arrow 50 times on this spinner, on which number do you think the arrow will land the most times?



1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10)_____

9) Find the value of the *s* in the equation.

$$s \times 8 = 72$$

10) A bag has 6 green jelly beans, 5 red jelly beans, and 8 orange jelly beans. If you reached into the bag without looking, what is the probability of picking a red jelly bean?

11) Maria is going to visit her grandmother. She is bringing 3 tops that are red, yellow and pink, and 2 pairs of shorts that are white and blue.

How many different outfits of shorts and a top can she make?

Draw a tree diagram to show all the possible combinations.

365 days = 1 year

1) 346,735

2) 12 edges

3) no

4) $2.32

5) 2, 3, 5, 7

6) 30 feet

7) perimeter

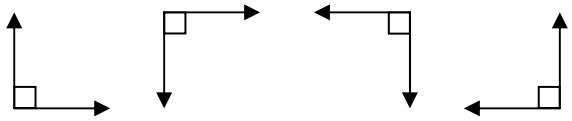
8) 27 cubes

9) about 1 inch

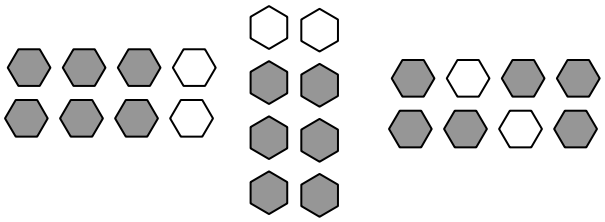
10) similar figures

11) heart (2,8), triangle (6,6), trapezoid (3,1), hexagon (9,3)

1 day = 24 hours

1) Answers will vary . 

2) H

3)  **Shade any 6 of the 8 hexagons**

4) area of a room

5) 24 minutes

6) 72

7) 10

8) 6:34

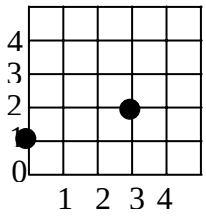
9) 20 tickets

10) $\frac{2}{8} or \frac{1}{4}$

11) Yes there are enough quarts to make 4 pitchers of juice. You need 8 quarts for each pitcher, therefore you will need 32 quarts to make 4 pitchers.

4 quarts = 1 gallon

1) Pile 1 and Pile 2

2) 

3) 10,000 meters

4)

5) 13,000

6) 0.75

7) any number 6 or less

8) equilateral triangle or acute triangle

9) multiply by 3

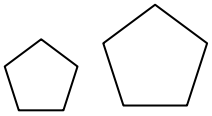
10) 1

11) There are 6 possible outcomes:

Raven, JJ	JJ, Ali	Ali, Charles
Raven, Ali	JJ, Charles	
Raven, Charles		

36 inches = 1 yard

1) 22,950.3

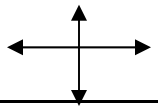
2) Answers will vary. 

3) $12.60

4) 9 feet

5) 2

6) 1 hour and 20 minutes

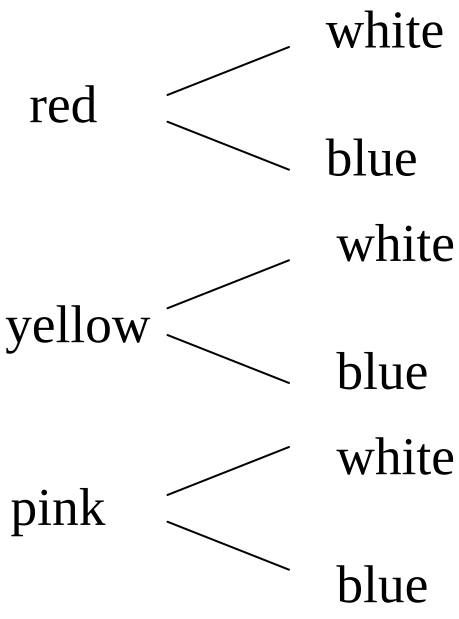
7) Answers will vary. 

8) 1

9) 9

10) $\frac{5}{19}$

11) 6 possible outfits



Homework
Week 3
Grade 4

Name_____

Week 3
Day 1

_____ quarts = 1 gallon

1) Kim purchased two items at the store. One item cost $2.35 and the other item cost $4.76. How much did both items cost?

2) Four boys ran a relay race. Their times were 12.04, 12.4, 12.044 and12.404. Order the students' times from least time to greatest time.

3) Triangles that have different lengths for each side are called _____ triangles.

4) Put these fractions in order from largest to smallest.

$\frac{3}{4}, \frac{1}{2}, \frac{2}{2}$

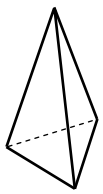
5) Draw a line that measures 3.5 inches.

6) It is 4:40. The game starts in twenty minutes. What time will the game start?

7) What is an angle called that measures more than 90° but less than 180°?

8) Would you use meters or grams to weigh your baby sister?

9) Name this shape



10) Estimate the difference between 825 and 511.

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

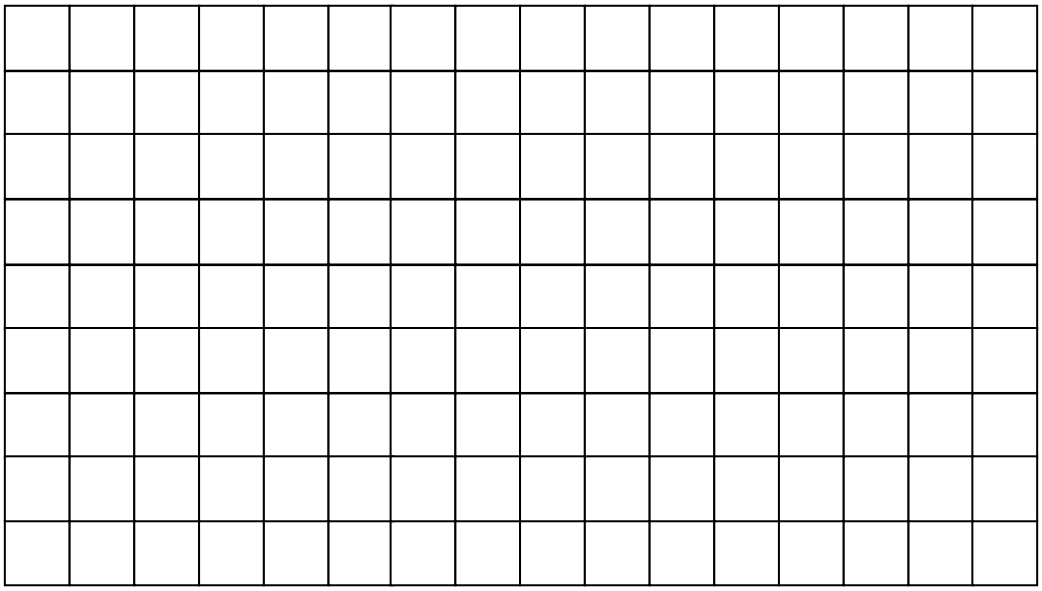
9) _____

10)_____

11) Make a bar graph to represent the data in the table.

Color of Cars People Own

Color of Car	Number of People
Red	15
White	35
Gray	28
Black	20
Blue	10
Tan	24



Week 3
Day 2

1 kiloliter = _____ liters

1) Draw intersecting lines.

1)_____

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

Input	Output
6	11
4	7
10	19

2)_____

3)_____

3) How many more people picked Wendy's than McDonalds as their favorite?

Favorite Fast Food	Number of People
McDonalds	𝍸 |
Wendy's	𝍸 𝍸 𝍸 ||
Pizza Hut	𝍸 𝍸 |
Burger King	𝍸 |||

4) _____

5) _____

6) _____

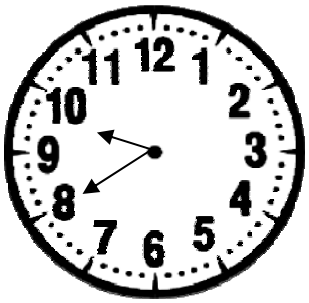
7) _____

8) _____

4) Name this shape.

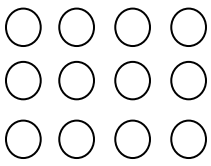
9) _____

5) Look at the clock. What time will it be in 2 hours and 5 minutes?



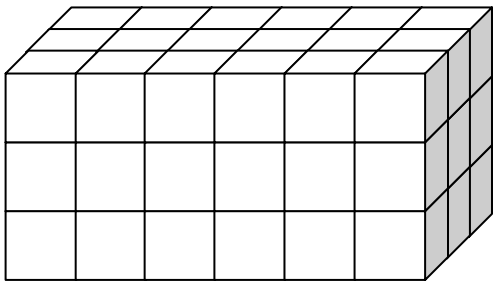
10)_____

6) What multiplication problem does the array represent?

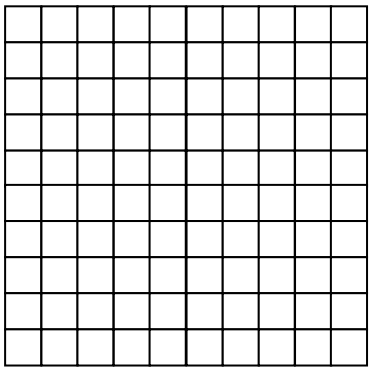


Week 3
Day 2

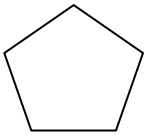
7) What is the volume of the stack of blocks?



8) Find the area of this square.



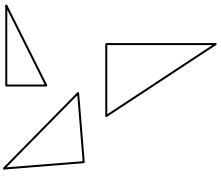
9) How many lines of symmetry does this shape have?



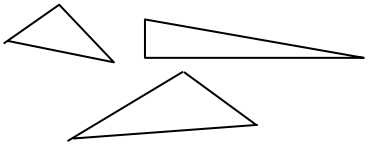
10) Find the median of 44, 67, 31, 89, and 82.

11) Two groups of shapes are shown.

Group A



Group B



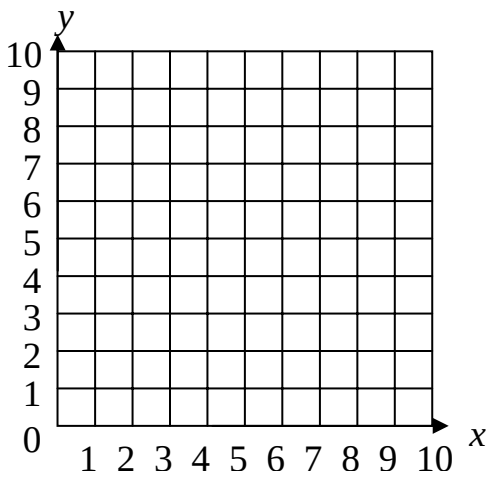
Draw another shape that belongs in group A. Explain why the shape belongs in Group A.

Week 3
Day 3

1 gallon = _____ cups

1) How much change would you get if you use a $10.00 bill to pay for something that costs $0.89?

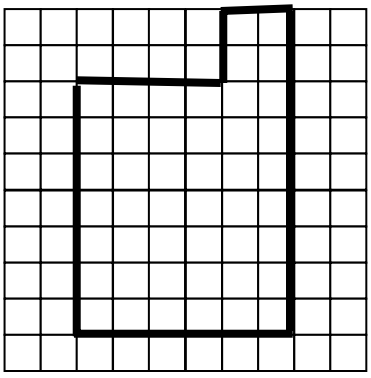
2) Draw a triangle at (7, 8).



3) What is the rule for this pattern?
6, 14, 22, 30

4) How many inches are in 5 feet?

5) Find the perimeter and area of the figure below.



1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

7) _____

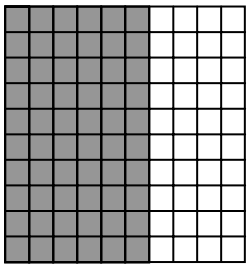
8) _____

9) _____

10)_____

6) An angle that measures greater than 90º is called_____.

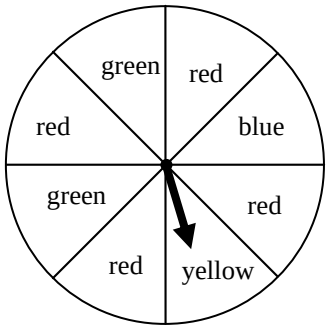
7) Represent the shaded part as a decimal and as a fraction.



8) Lois works at a plant store. She received an order of 18 flats of violet plants. Each flat has twenty-five plants. Write an equation Lois can use to find out how many total plants she received.

9) Measure the length of the crayon in inches.

10) On which color are you most likely to land on this spinner?



11) Michael and Thomas each have a glass of water that is the same size. Michael drank $\frac{1}{5}$ of his water. Thomas drank $\frac{1}{3}$ of his water.

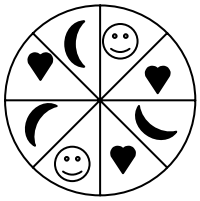
Who drank more water?_____
Explain your answer using pictures, words, or numbers.

Week 3
Day 4

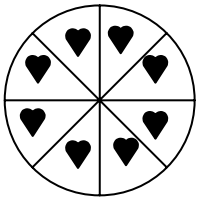
1000 milliliters = _____ liter

1) Which spinner has a probability of 0 for landing on a moon, ☾?

Spinner A



Spinner B



Spinner C

1)_____

2)_____

3)_____

4) _____

2) Write a fraction that is less than $\frac{1}{2}$.

5) _____

3) Tonya put 10 gum drops, 4 pieces of bubbles gum and 7 mints in a bag. What is the probability that she will pull out a gumdrop?

6) _____

4) If today is March21st, what will the date be in 1week and 3 days?

7) _____

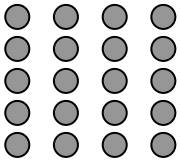
March 21						
S	M	T	W	TH	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

8) _____

9) _____

10)_____

5) Write a multiplication equation to represent this array.



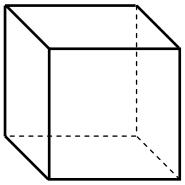
6) An angle that is less than 90º is called _____.

Week 3
Day 4

7) Write the next three numbers .

7, 16, 25, 34, ____ , ____ , ____

8) How many edges, faces, and vertices are on a cube?



9) Which transformation occurred between shape 1 and shape 2?

Shape 1 **Shape 2**

10) Write the composite numbers from 1 to 10.

11) Hillary bought a game that cost $7.85. She gave the clerk $10.00.

How much change should Hillary receive? Show the bills and coins Hillary could receive for change. Use pictures, numbers, or words to show your work.

4 quarts = 1 gallon

1) $7.11

2) 12.04, 12.044, 12.400, 12.404

3) scalene triangle

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

5)

6) 5:00

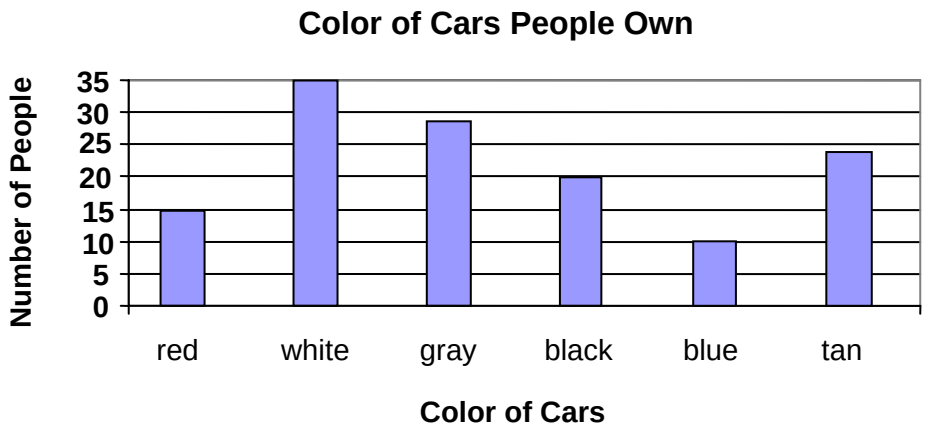
7) obtuse

8) grams

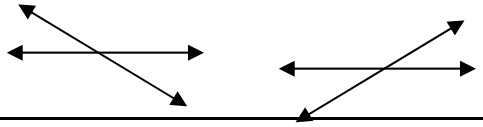
9) triangular pyramid

10) 300

11)



1 kiloliter = 1000 liters

1) Answers will vary. 

2) $2x - 1$ or multiply by 2, subtract 1

3) 11

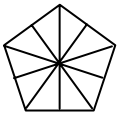
4) hexagon

5) 11:45

6) 3 groups of 4 or 3×4

7) $6 \times 3 \times 3 = 54$ cubic units

8) 100 square units

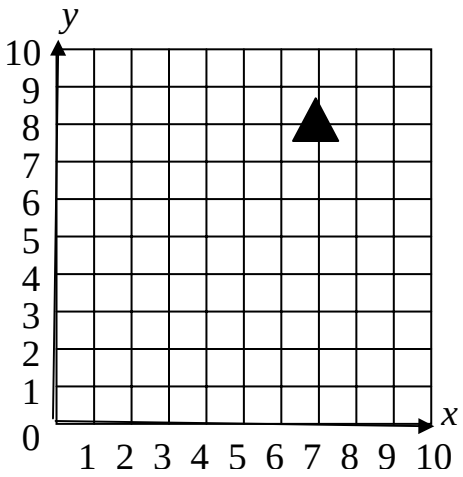
9) 5 lines of symmetry 

10) 67

11) Answers will vary. Any right triangle because all triangles in Group A are right triangles.

1 gallon = 16 cups

1) $9.11

2) 

3) add 8

4) 60 inches

5) perimeter = 30 units area = 46 square units

6) obtuse

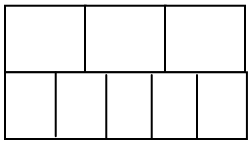
7) $\frac{6}{10}, \frac{60}{100}$, .6, or .60

8) 18 × 25 = total plants

9) $3\frac{5}{8}$

10) red

11) **Thomas drank more water. One-third is more than one-fifth. If the same sized whole is divided into thirds and fifths, the thirds would be a larger portion.**



1000 milliliters = 1 liter

1) Spinner C

2) Answers will vary. For example: $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{5}$ $\frac{1}{3}$ *etc.*

3) $\frac{10}{21}$

4) March 31

5) 5 groups of 4 or 5 × 4

6) acute

7) 43, 52, 61

8) edges = 12 faces = 6 vertices = 8

9) reflection

10) 4, 6, 8, 9

11) Hillary should receive $2.15.

Homework
Week 4
Grade 4

Name_____

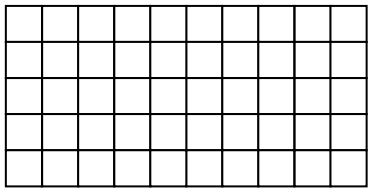
Week 4
Day 1

_____ inches = 1 yard

1) A bag of candy has 4 gumballs, 8 jaw breakers, and 3 pieces of taffy. You reach into the bag and select one piece of candy. Which outcome is most likely?

2) Which could be the length of a pencil, 6 inches, 6 feet, or 6 yards?

3) What is the area of this rectangle?



☐ = 1 square unit

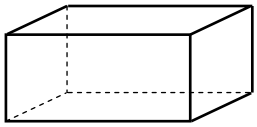
4) If Vincent put 5¢ in his bank on the first day, 10¢ the second day, 20¢ the third day, and 40¢ on the fourth day. If this pattern continues, how much money will Vincent put in his bank on the seventh day?

5) To measure the weight of a puppy would you use liters, grams, or meters?

6) How many seconds are in 5 minutes?

7) Round 33,765 to the nearest ten thousand.

8) How many vertices, edges, and faces are on the rectangular prism?



1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

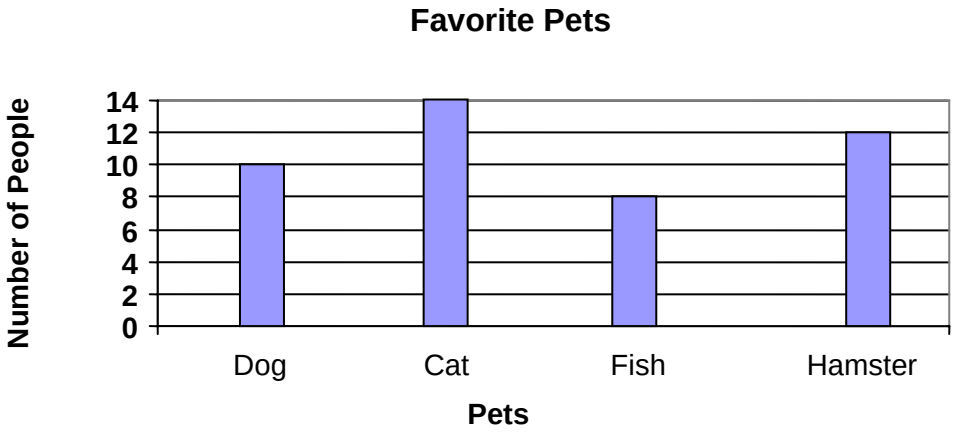
7) _____

8) _____

9) _____

10)_____

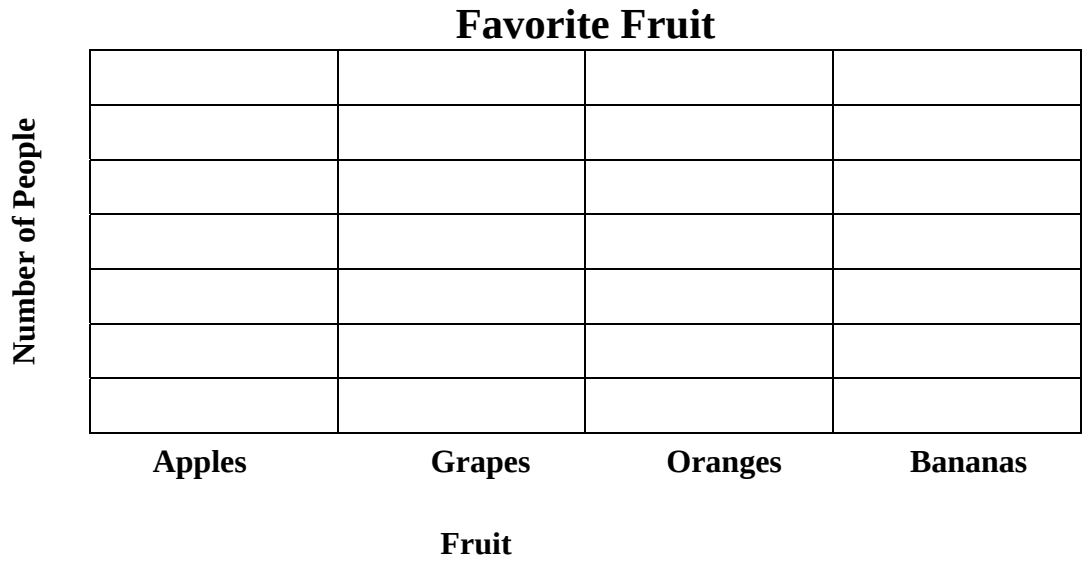
9) The graph below shows the results of a survey. What would the mode of the data be?



10) Find the value of *t*. $t \times 5 = 55$

11) Make a bar graph to represent the data in the table. Include a scale on your graph.

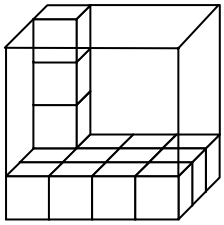
Favorite Fruit	
Type	**Number**
apples	11
grapes	6
oranges	7
bananas	8



Week 4
Day 2

1 pound = _____ ounces

1) How many more cubes are needed to fill this object?

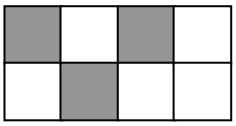


2) Write the rule for the pattern.

3, 5, 8, 12, 17

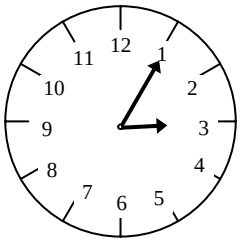
3) You need 48 hamburger buns for the family cookout. The hamburger buns come in packages of 8. How many packages do you need to buy?

4) Write a fraction to represent the shaded figure



5) Estimate the sum for 881 and 184?

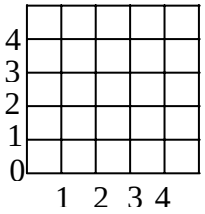
6) What time will it be in 2 hours and 10 minutes?



7) Write the number for one hundred eighty-four thousand, three hundred six.

8) Adrian's test scores in math were 88, 98, 90, 84, and 97. What is the median of Adrian's scores?

9) Plot the coordinate pairs (2,1) and (4,3).



1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

7) _____

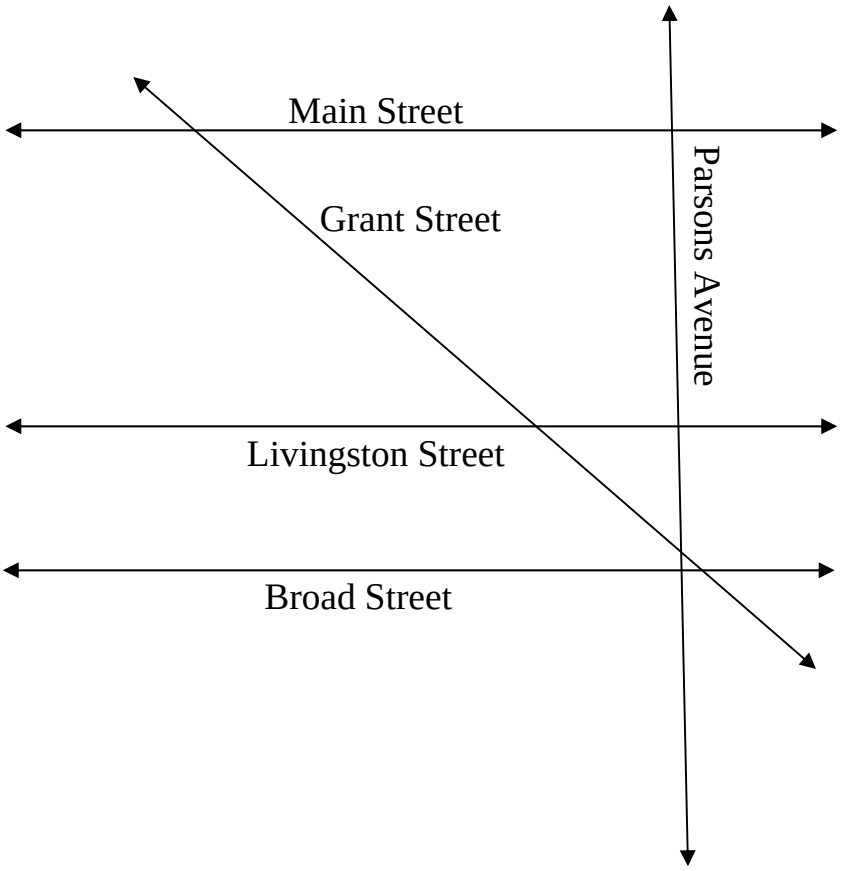
8) _____

9) _____

10)_____

10) A bicycle could weigh about 20 grams or 20 kilograms?

11) The map shows streets in downtown Columbus.

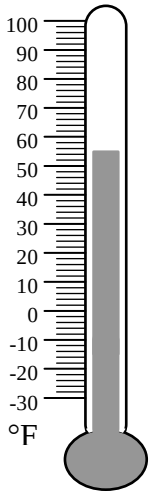


Name two pairs of streets that are perpendicular and two pairs of streets that are parallel.

Week 4
Day 3

1 quart = _____ pints

1) What temperature does the thermometer show?



2) Marlin bought a refrigerator. Would he use feet, square feet, or cubic feet to describe how much the refrigerator will hold?

3) Describe how the price per doughnut changes as the number of doughnuts bought increases.

Doughnut Prices

Number of Doughnuts	Price per doughnut
1	$0.50
2	$0.45
3	$0.40
4	$0.35
5	$0.30

4) Name a quadrilateral.

5) What is the rule for the pattern of numbers?

2, 6, 18, 54

6) Round 57,876 to the nearest ten thousand.

1)_____

2)_____

3)_____

4) _____

5) _____

6) _____

7) _____

8) _____

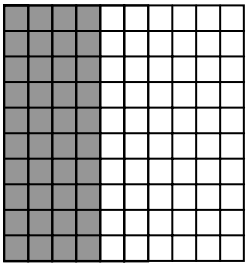
9) _____

10)_____

Week 4
Day 3

7) Would it take more grams or kilograms to measure the weight of a man?

8) Write a fraction and a decimal to represent the shaded figure.



9) Nine children are going to share 27 cookies. Each child will get the same number of cookies. Write an equation that tells the number of cookies each child will get. Use *n* to represent the number of cookies.

10) Draw a rectangle and shade $\frac{4}{8}$.

11) Erica created the pattern shown below.

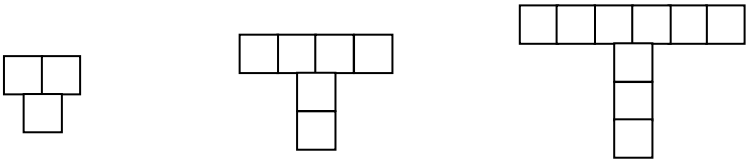


Figure 1 Figure 2 Figure 3

Draw the next figure in the pattern.

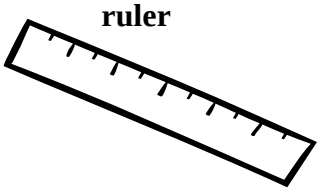
How many squares will be in the 6th figure if the pattern continues?

Week 4
Day 4

1 gallon = _____quarts

1) Mia had $10.00 to spend at the school store. She bought two items and received $4.00 in change. Which two items did she buy?

ruler



$1.75

pencils

$3.35

notebook

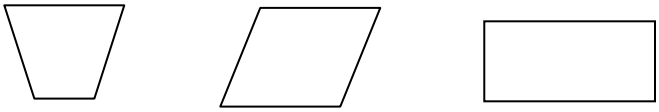
$2.40

crayons

$2.65

1)_____

2) How are these shapes alike?



2)_____

3)_____

3) A hexagon has _____sides.

4) How many months are in 3 years?

4) _____

5) Would it take more pints or quarts to measure the liquid in a pan?

5) _____

6) Write 200,000 + 50,000 + 3,000 + 500 + 40 + 6 in standard form.

6) _____

7) Estimate the difference between 829 – 521.

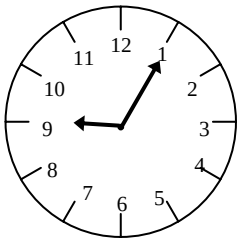
7) _____

8) Find the range of the numbers 98, 54, 87, 32.

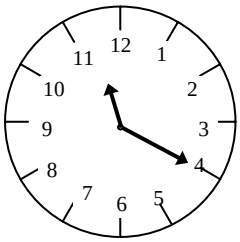
8) _____

9) How long was the movie?

9) _____



Movie Started



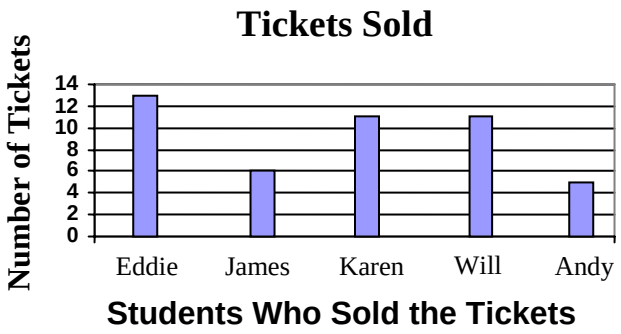
Movie Ended

10)_____

10) Complete the table.

A	B
4	9
6	13
8	17
	21
12	

11) Write two facts about the data on the graph.



36 inches = 1 yard

1) You are most likely to pick a jaw breaker.

2) 6 inches

3) 50 square units

4) $3.20

5) grams

6) 300 seconds

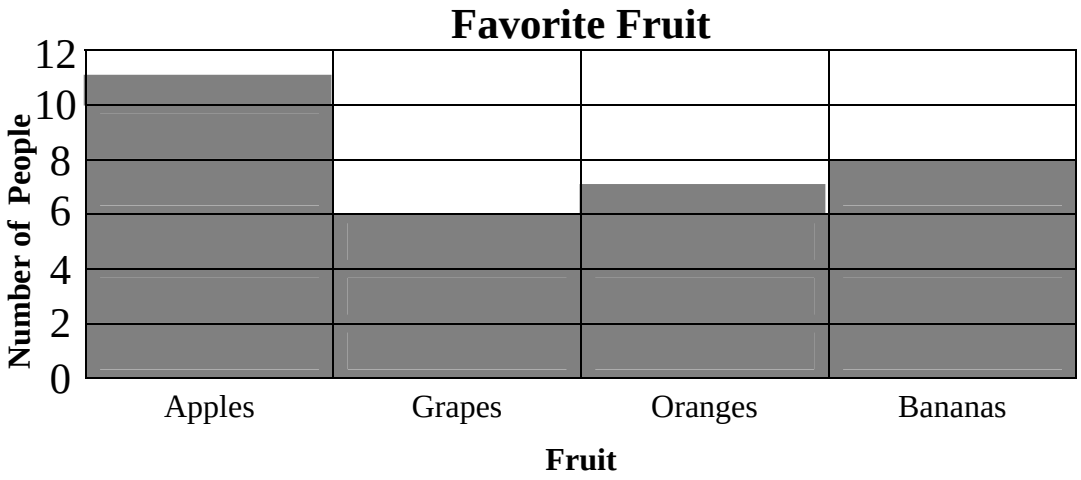
7) 30,000

8) vertices = 8 edges = 12 faces =6

9) 14

10) $t = 11$

11)



1 pound = 16 ounces

1) 33 more cubes

2) increases by one more than the previous increase each time or +2, +3, +4, +5

3) 6 packages

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

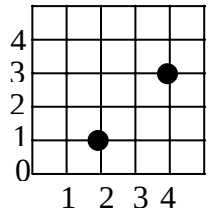
5) 1,100

6) 5:15

7) 184,306

8) 90

9)



10) 20 kilograms

11) Answers may vary.

Perpendicular-

Main Street and Parsons Avenue
Livingston Street and Parsons Avenue
Broad Street and Parsons Avenue

Parallel-

Main Street and Broad Street
Broad Street and Livingston Avenue
Main Street and Livingston Street

1 quart = 2 pints

1) 54º F

2) cubic units

3) For each additional doughnut the price decreases by 5¢

4) Answers will vary. Any four-sided figure is correct. (e.g., rhombus, rectangle, trapezoid, etc.).

5) multiply by 3

6) 60,000

7) more grams

8) 0.4, $\frac{4}{10}$, or 0.40, $\frac{40}{100}$

9) $27 \div 9 = n$, $27 \div n = 9$, $9 \times n = 27$, or $n \times 9 = 27$

10)

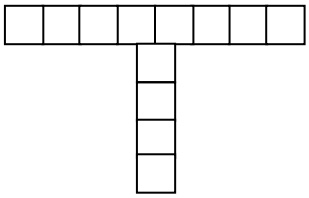
11) 

Figure 4

18 squares will be in the 6th figure.

1 gallon = 4 quarts

1) pencils for $3.35 and crayons for $2.65

2) Answers will vary. 4-sided figures, all quadrilaterals, a pair of sides that are parallel, etc.

3) 6 sides

4) 36 months

5) pints

6) 253,546

7) 300

8) 66

9) 2 hours and 15 minutes

10)

A	B
4	9
6	13
8	17
10	21
12	**25**

11) Answers will vary, but could include the following:
The total number of tickets sold was 46.
Eddie sold the most tickets.
Andy sold the fewest tickets.
Karen and Will together sold 22 tickets.