

Homework

1 Decode the name of a planet:

92	80	51	53	71	51	44

3 4	4 9	7 0	6 5	7 2	3 3
+ 1 7	+ 3 1	- 1 7	+ 2 7	- 2 8	+ 3 8

R

E

C

M

Y

U

2 In your notebook, solve the equations and write your solutions similarly to the example. Copy your answers here. Make drawings if needed.

$$37 - x = 12$$

$$x =$$

$$y + 51 = 79$$

$$y =$$

$$z - 41 = 13$$

$$z =$$

3 Calculate using commutative property of addition:

$$3 + 18 + 7 =$$

$$37 + 22 + 3 + 8 =$$

$$13 + 5 + 7 + 25 =$$

$$51 + 6 + 9 + 14 =$$

$$18 + 27 + 3 + 2 =$$

$$27 + 33 + 17 + 3 + 1 + 4 =$$

4 Mark the order of operations and evaluate the expressions:

① ②

$$20 - 6 + 2 =$$

$$81 + 5 + 9 = \underline{\quad}$$

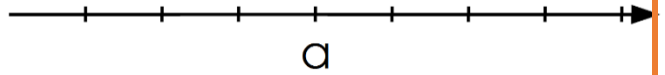
$$18 + 9 - 10 - 9 = \underline{\quad}$$

$$21 + 19 + 6 =$$

$$74 - 4 + 8 = \underline{\quad}$$

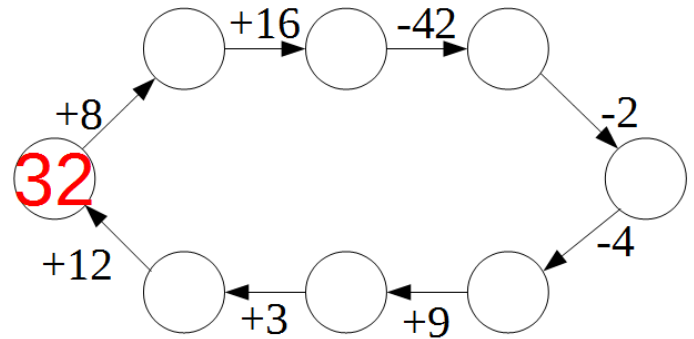
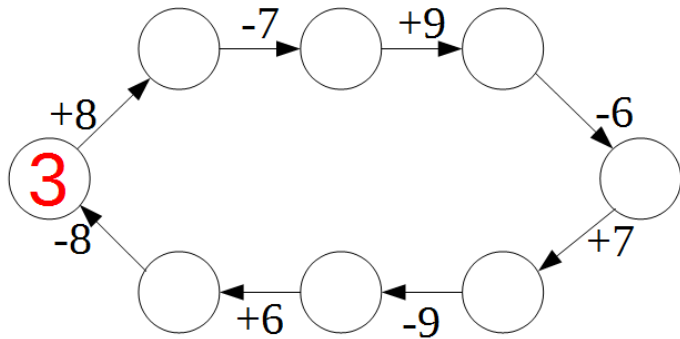
$$23 + 7 + 5 - 7 = \underline{\quad}$$

5 Compare. Use the number line if needed.



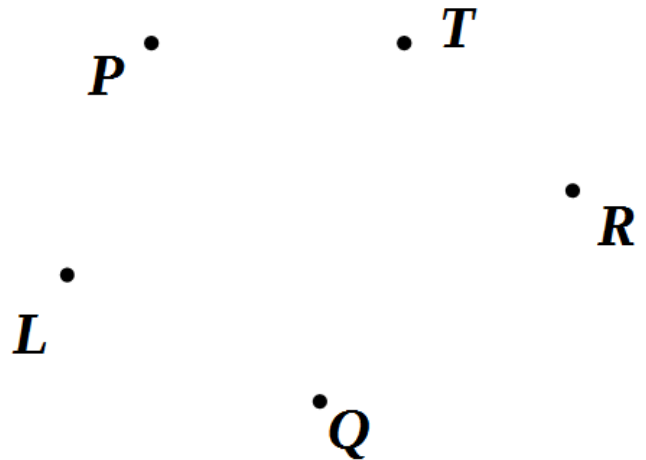
$a \square a + 1$	$a \square a - 1$	$a + 1 \square a - 1$
$a + 2 \square a + 1$	$a - 2 \square a - 1$	$a + 2 \square a - 1$
$9 - a \square 12 - a$	$2 + a \square a + 2$	$a + 2 \square 6 + a$

6 Finish "Mary -go -rounds."

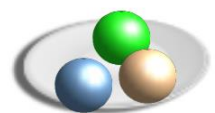
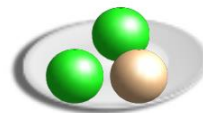
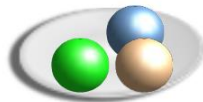
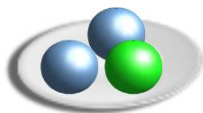


7 Follow the instructions:

1. Plot line segment TQ .
2. Plot straight line PR .
3. Find their intersection point and label it W .
4. Plot straight line WL .

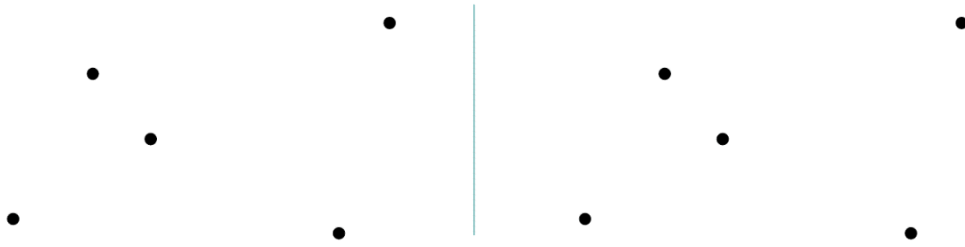


8 Connect the two plates that are the same.

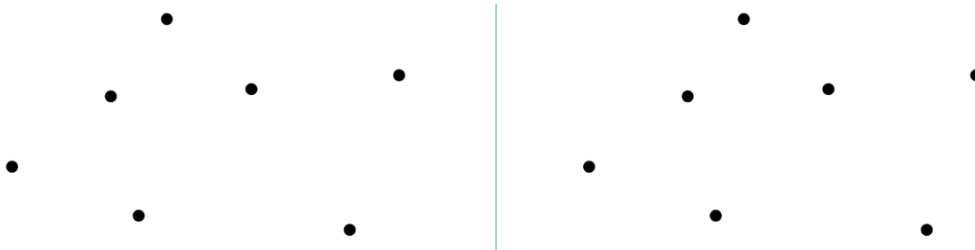


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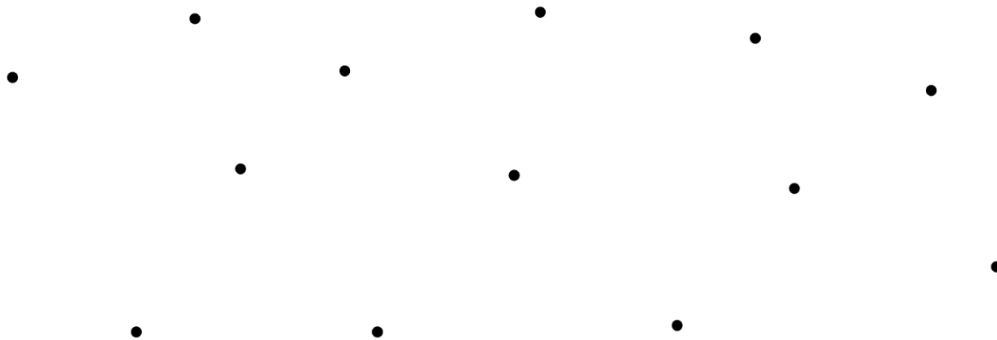
Connect the points to obtain different closed polygonal chains.



Connect the points to obtain different polygonal chains containing 6 segments each.



Connect the points to obtain an open polygonal chain whose segments do not intersect.



10

Circle the word that does not belong to the group.

A. Wolf, window, goat, blue, birch. It is not _____

B. Hill, mountain, river, forest, bus, field. It is not _____

C. Streetcar, taxi, bus, cow, truck. It is not _____

D. Book, notebook, bag, bad, bicycle. It is not _____

Little Joe, Foxy Tail, and Pop Eye decided to take a walking challenge. Each brother choose their own trip (see the map below).

Little Joy will start in Camamberton, walk to Mozzarella and Parmesa, and finish in Camamberton (the green route on a map).

Foxy Tail is schedule to start in Parmesa, visit Chedaron and Cheesedale, and finish back in Parmesa (the red route).

Pop Eye is starting and finishing in Mouseville, going through Chedaron and Mozzarella (the blue route).

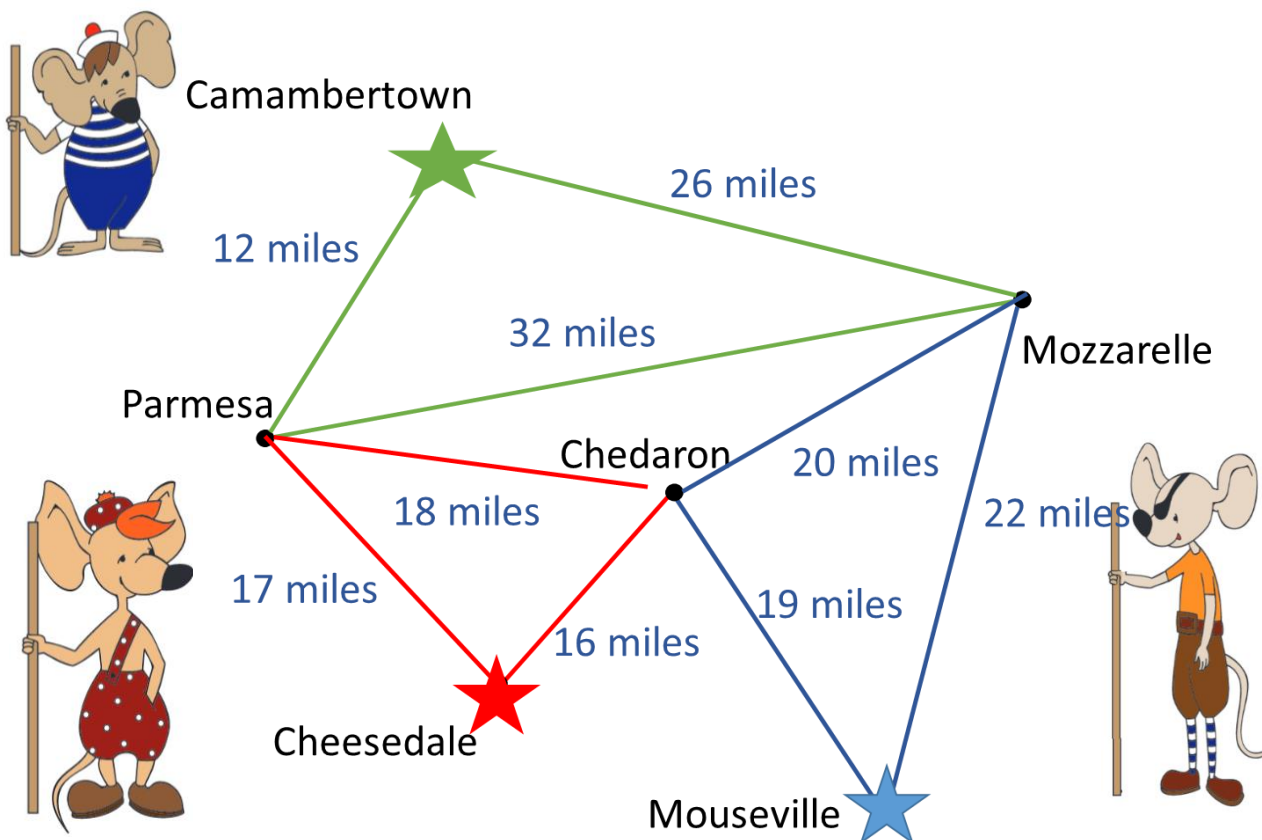
- 1) Which brother will have the longest walk and how long it is?

- 2) Who has the second longest and (how long is the walk)?

- 3) And who has the shortest (how long it the walk)?


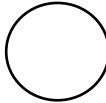
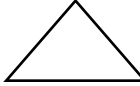
- 4) What is the difference between the longest and the shortest route?

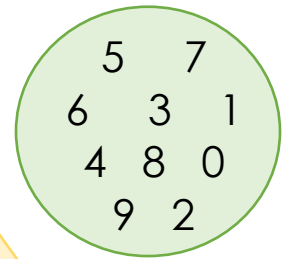
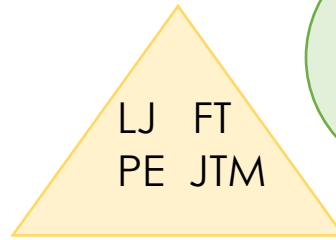
- 5) What is the shape of each route? What is the perimeter of each figure (you can use the terms "red," "green," and "blue" to identify the figures)?



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Write the names of the sets in the table:

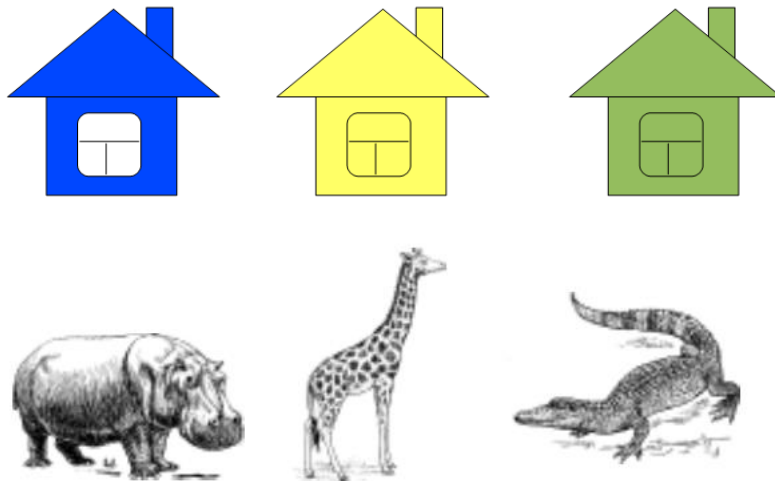
	- set of
	- set of
	- set of



Tuesday	Sunday	Friday
Monday		Saturday
Wednesday	Thursday	

13

A giraffe, a crocodile, and a hippo are living in their own houses. The giraffe is living neither in the green house nor in the blue house. The crocodile's house is neither green nor yellow color. Who does live in which house? Connect the animals with their homes.



There is neither bear nor a horse in the red box. There is neither horse nor a flute in the yellow box. Which item belongs to which box?

