Homework

1 Calculate.

1 h + 2 h = _____   300 – 200 = _____

7 h – 200 = _____   3 h + 100 = _____

400 + 500 = _____   700 – 400 = _____

Regroup hundreds as tens and ones.

- one

= △ - ten

= 🔺 - hundred

1 h = 9 t + ___ o   2 h = 1 h + ___ t   3 h = 2 h + ___ t

4 h = 3 h + ___ t   4 h = 2 h + ___ t   4 h = 3 h + ___ t + 10 o
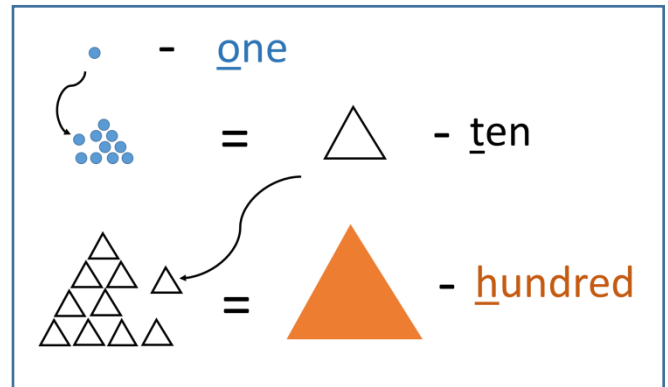
2 **In your notebook,** solve the equations and write you solutions similarly to the example. Copy your answers here. Make drawings if needed.

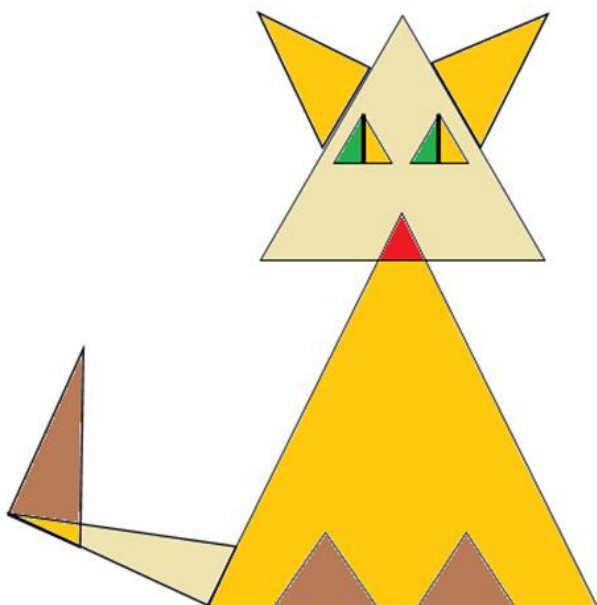y + 200 = 500   900 – w = 300 x - 400 = 200
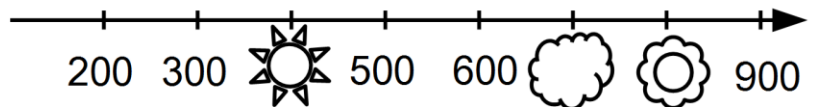
y = _____ w = _____ x = _____

3 Insert the covered numbers:

200 300 ☼ 500 600 ☁ ⚘ 900

⚘ =   ☼ =

☁ =

4 How many triangles can you find on the picture?

_____

Decode the fragment from a poem taken from "Alice in the Wonder Land."

H	11-9 ○	E	40-1 ○	D	75+9 ○	O 36-30 ○
I	79+1 ○	A	40-10 ○	L	65-7 ○	P 95-5 ○
B	12-8 ○	W	60-23 ○	R	42+12 ○	U 37+13 ○
T	17-9 ○	F	52+30 ○	Y	94-33 ○	M 68+0 ○
V	8+30 ○	C	64+6 ○	N	29+15 ○	S 47-18 ○

2	6	37		84	6	8	2		8	2	39		58	80	8	8	58	39

70	54	6	70	6	84	80	58	39

80	68	90	54	6	38	39		2	80	29		29	2	80	44	80	44	?

8	30	80	58

30	44	84		90	6	50	54		8	2	61		37	30	8	39	54	29

6	82		8	2	39		44	80	58	39

6	44		39	38	39	54	61		?	6	58	84	39	44		29	70	30	58	39

Choose a letter which was not encoded. Make your own example to encode this letter. Make sure that the answer in your example does not repeat any other result. Explain why it is important.

6   Little Joe has decided to become an artist, and in September, he was admitted to Mice Art School.

a) In August, he has painted 13 portraits of his brothers and friends and 19 landscapes. How many pictures did he paint altogether?

_____
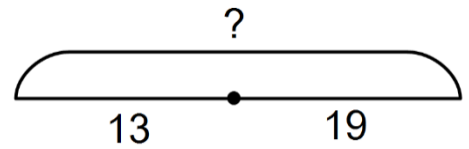
b) In September, LJ has created some landscapes and still life drawings. He painted 43 pictures altogether. 17 of these pictures were landscapes, while the rest were still life drawings. How many still life pictures did LJ painted?

_____
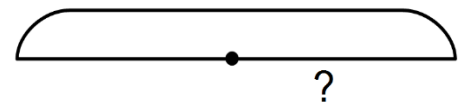
c) In October, LJ painted 36 pictures. 19 of these picture were portraits, while the rest were landscapes. Did JL painted more portraits or landscapes this month? How many more?
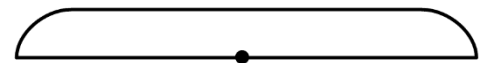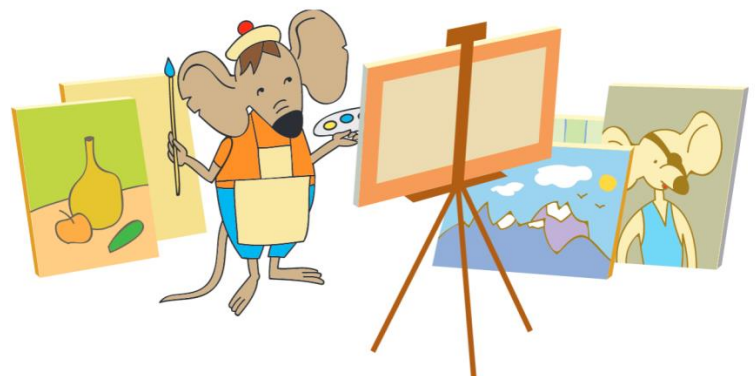
1)_____

2)_____

d) In November, LJ will have a personal exhibition in the Museum of Modern Mice Art. He will exhibit 17 landscapes and 5 more portraits than landscapes. How many LJ's paintings will you see at the exhibition?
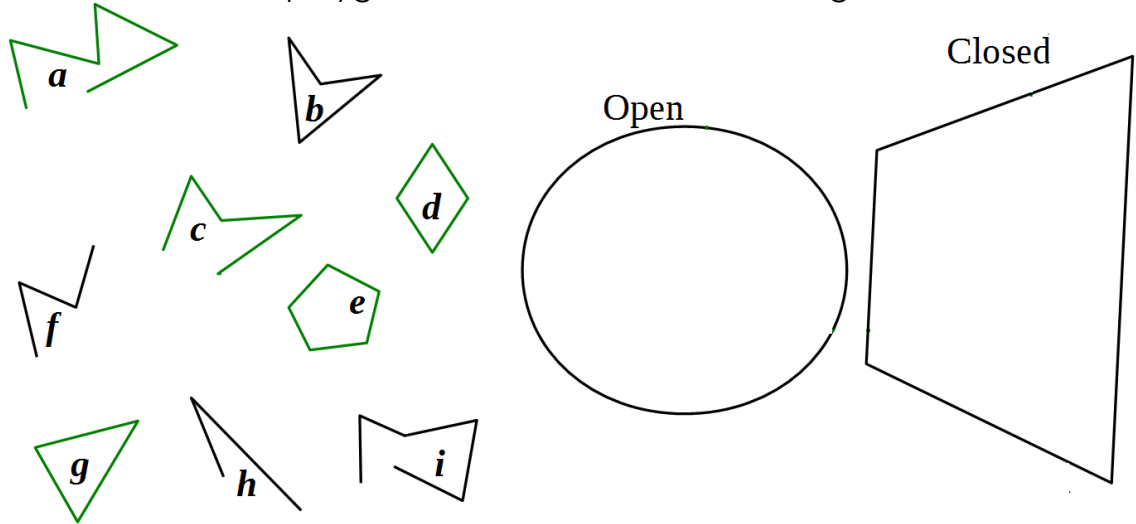
1)_____

2)_____

Write the names of the polygonal chains into the Venn diagram:

a

b

c

d

e

f

g

h

i

Open

Closed

---

8   Do you remember the Black Box game that we played with Jake the Mouse? The Black Box can perform some operation inside itself. Can you tell what operation Black Box performs if you know what was done previously in the "working cycle")?

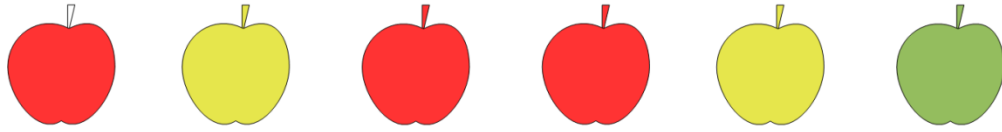1. 15 → 6

2. 33 → 6

3. 29 → ( )

4. 8 → 8

5. 71 → 8

6. 100 → 1

44 → ( )

"Program" the Black Box to perform another operation and ask somebody to figure out what operation the Black Box performing.

1. ( ) → ( )

2. ( ) → ( )

3. ( ) → ( )

4. ( ) → ( )

5. ( ) → ( )

6. ( ) → ( )

( ) → ( )

9   Evaluate each statement as either TRUE (T) or FALSE (F):

____ All apples are yellow   ____ Some apples are yellow

____ All apples are red   ____ Some apples are red

____ There is only one green apple   ____ Some apples are green

____ There are orange apples   ____ There are no green apples

---

10   **a)** Complete the drawing to make both statements correct:

- Only one mouse is chewing cheese.
- All white mice are chewing apples.

b) Complete the drawing to make both statements incorrect:

- Only one mouse is chewing cheese.
- All white mice are chewing apples.