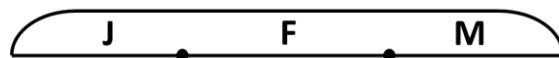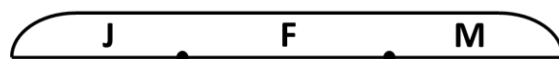# Homework

1 Write an expression. Find the result if possible.
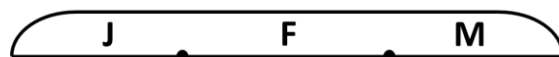
A. In January, LJ read **w** books. In February, LJ read **k** books. In March, LJ read **q** books. How many books did LJ read in three months?

J   F   M

_____

B. In three months (January, February, and March), LJ read **w** books. In February, LJ read **k** books. In March, LJ read **q** books. How many books did LJ read in January?

J   F   M

_____

C. In January, LJ read **w** books. In February, LJ read **k** more books than in January. In March, LJ read **q** books. How many books did LJ read in three months?

J   F   M

_____

D. In January, LJ read **6** books. In February, LJ read **3** more books than in January. In March, LJ read **4** books. How many books did LJ read in three months?

J   F   M

_____
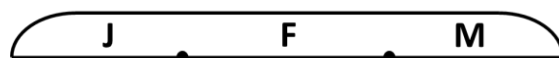
2 In your notebook solve equations and copy your answers here:

$x + 209 = 507$ $905 - x = 459$ $x - 307 = 428$

$x =$ _____ $x =$ _____ $x =$ _____

3 Continue the pattern by shading the dashed circles appropriately:

○ ● ○ ○ ● ● ○ ○ ○ ● ● ● ○ ○ ○ ○ ○ ○ ○ ○

4

Help Foxy Tail to pick mushrooms according to the instructions:

(15) → (3) → (11) → (37) → (24) → (43) → (17)

25-10   19+18   30-6   27+16

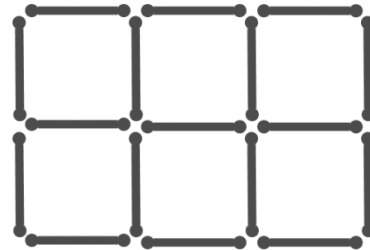31-28   31-12   56-45   25-8
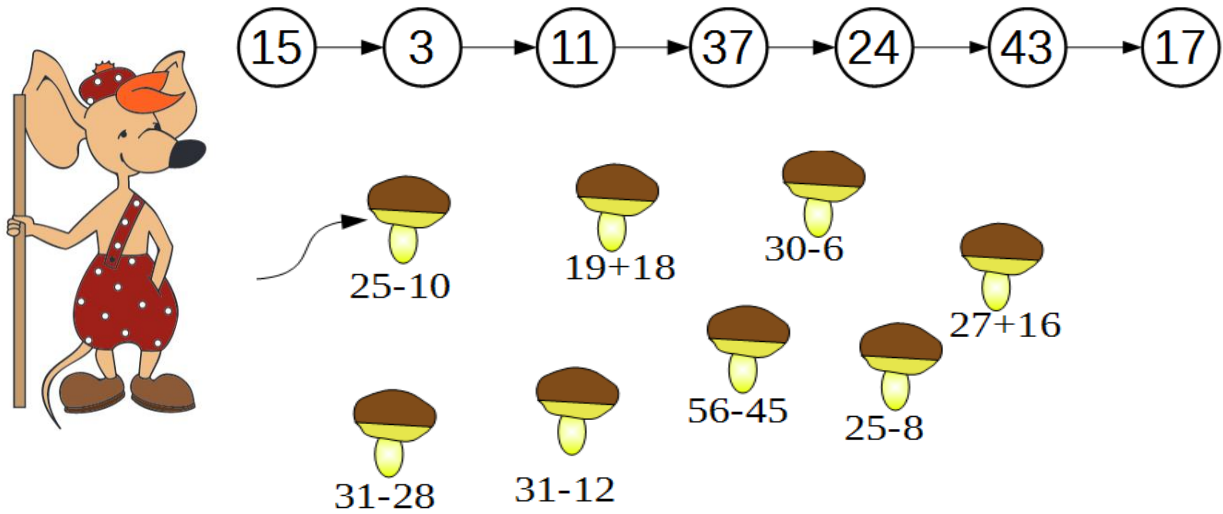
Check the correct statements:

_____ Foxy Tail has picked all mushrooms;

_____ more than one mushroom were left by Foxy Tail;

_____ there was only one mushroom left by Foxy Tail;

_____ Foxy Tail has picked 6 mushrooms.

5   Look at the 17 stick formation.

Remove 1 stick to end up with 5 equal squares and nothing else.

How many solutions can you find? _____
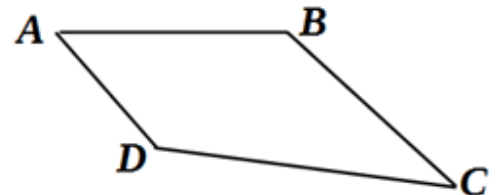
6   Find the perimeter of quadrelateral ABCD.

AB = ☐ cm BC = ☐ cm

CD = ☐ cm AD = ☐ cm

☐ cm + ☐ cm + ☐ cm + ☐ cm = ☐ cm

7 Express in centimeters:

4 m 2 dm 8 cm = _____ cm   1 m 7 dm 4 cm = _____ cm

5 m 3 dm 1 cm = _____ cm   6 m 9 dm 3 cm = _____ cm

8 Express in meters, decimeters, and centimeters:

828 cm = ☐ m ☐ dm ☐ cm   935 cm = ☐ m ☐ dm ☐ cm

316 cm = ☐ m ☐ dm ☐ cm   682 cm = ☐ m ☐ dm ☐ cm

9 Compare:

$>, <, =$

3 dimes ☐ 30 cents   4 dimes + 6 cents ☐ 5 dimes

2 dimes + 9 cents ☐ 5 dimes   5 dimes + 10 cents ☐ 60 cents

4 dimes ☐ 4 cents   4 dimes + 15 cents ☐ 55 cents

10 Mark the order of operations and find the result:

$10 - (7 + 1) =$ $18 - (5 - 4) =$ _____ $14 + (10 - 1 - 5) =$ _____

$23 + (9 - 7) =$ $13 - 3 + 9 =$ _____ $20 - (3 + 2 - 1) =$ _____

$27 - (4 + 3) - 1 - (10 + 5) =$ _____ $60 - (4 + 7) + 4 - (10 - 8) =$ _____
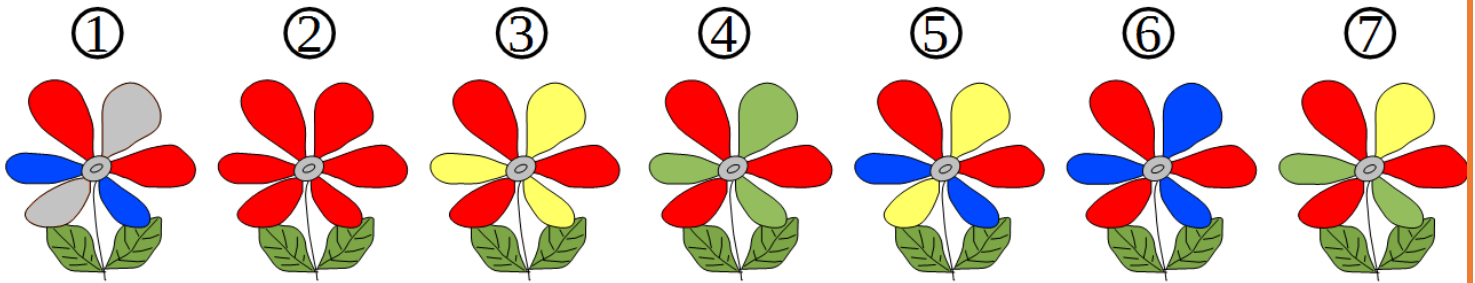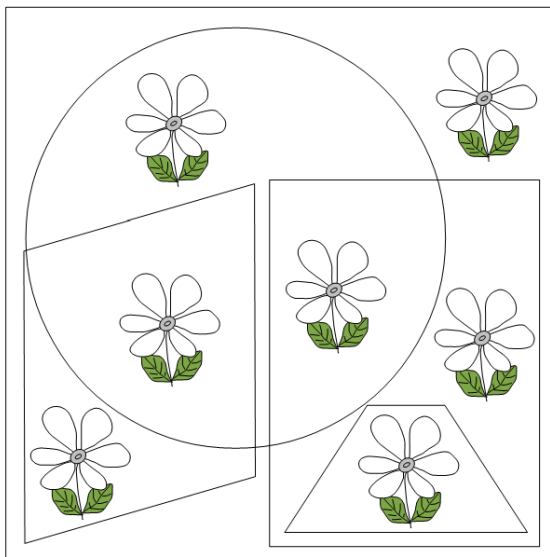
11 Make the identical drawing.
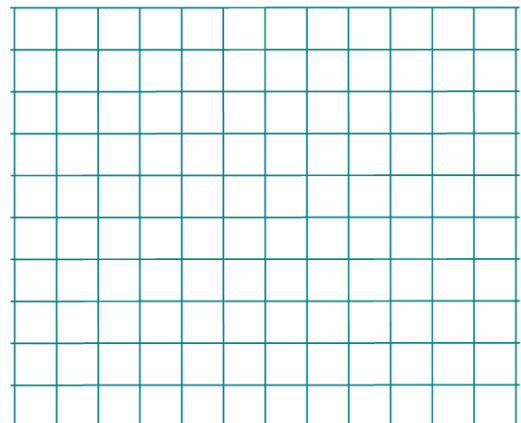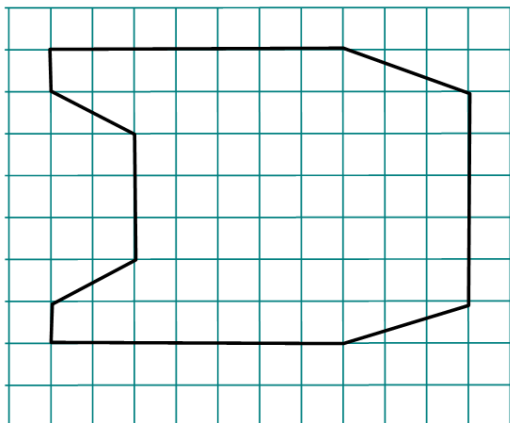
12 In a magic forest, special Rainbow flowers grow. Rainbow flowers can have petals of one, two, or even three colors. In total, there are seven kinds of these flowers.

① ② ③ ④ ⑤ ⑥ ⑦

Insert the shapes representing sets in the Venn diagram into the appropriate lines of the table and color the petals of the flowers in the Venn diagram.

Sets of flowers		
	- with grey petals	
	- with blue petals	
	- with red petals	7
	- with green petals	
	- with yellow petals	

Using green stripes, color the area of the set of flower which have green **OR** yellow petals.

Using red stripes, color the area of the set of flowers that have **NEITHER** green, **NOR** yellow, **NOR** blue stripes.
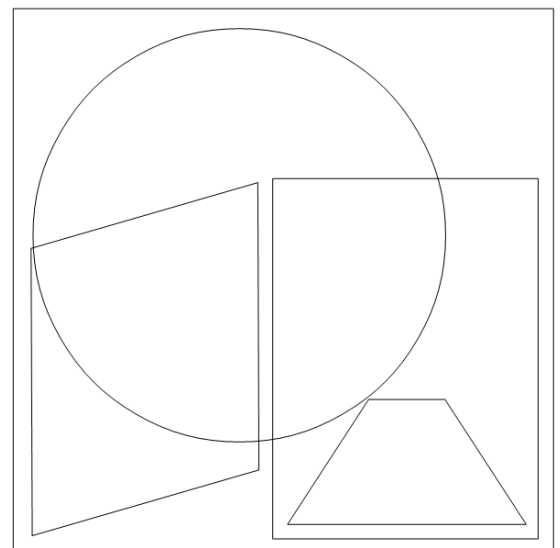
13 There are six SETs on this picture! Find them all! Cross out the cards that belong to a set in each picture. Same group of 12 cards but different 6 sets.