

Homework

- 1 In your notebook, solve the equations and check the answer. Copy your answers here. Make drawings if needed.

$$236 - x = 119$$

$$x =$$

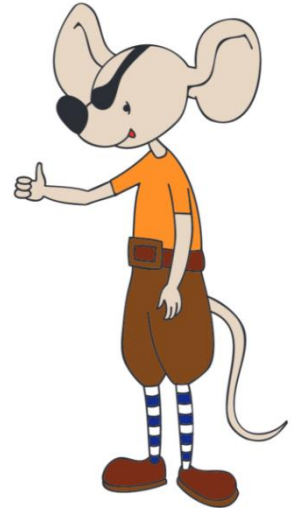
Check:

$$67 + y = 892$$

$$y =$$

$$z - 218 = 176$$

$$z =$$



- 2 Open up the parentheses:

$$59 + (k + 21) =$$

$$a + (6 + b) =$$

$$56 + (g - 10) =$$

$$63 + (54 - c) =$$

$$100 - (p + 14) =$$

$$52 - (s + 50) =$$

$$52 - (h - 7) =$$

$$51 - (k - f) =$$

- 3 Rewrite additions using multiplication:

$$3 + 3 + 3 + 3 + 3 + 3 = \underline{\quad \times \quad}$$

$$a + a + a + a + a = \underline{\quad \times \quad}$$

$$\underbrace{b + b + b \dots + b + b}_{w \text{ times}} = \underline{\quad \times \quad}$$

$$\underbrace{7 + 7 + \dots + 7}_{25 \text{ times}} = \underline{\quad \times \quad}$$

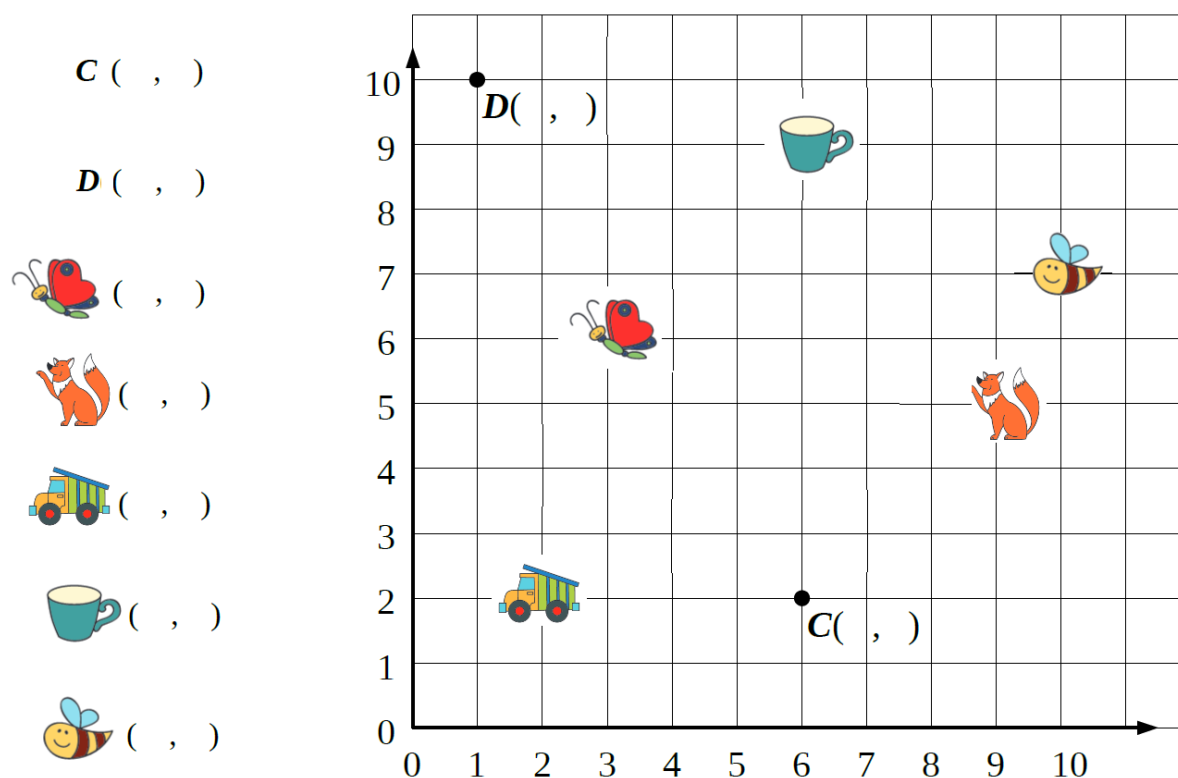
$$\underbrace{a + a + \dots + a}_{17 \text{ times}} = \underline{\quad \times \quad}$$

$$\underbrace{s + s + \dots + s}_{m \text{ times}} = \underline{\quad \times \quad}$$

- 4 If this year the next day after his birthday Little Joe says "the day after tomorrow is Wednesday", then his statement will be correct. On what day of the week is Little Joe birthday this year?

5

Find coordinates of the points C and D as well as the coordinates of the other objects.



6

Write only A's to balance each scale.

If $\overline{\text{AB} \quad \text{C}}$ & $\overline{\text{B} \quad \text{AA}}$ then $\overline{\text{C} \quad \quad}$

If $\overline{\text{AABB} \quad \text{C}}$ & $\overline{\text{BB} \quad \text{A}}$ then $\overline{\text{C} \quad \quad}$

BBB
 If $\overline{\text{BBB} \quad \text{CA}}$ & $\overline{\text{BBB} \quad \text{A}}$ then $\overline{\text{C} \quad \quad}$

BBB
 If $\overline{\text{BBB} \quad \text{CA}}$ & $\overline{\text{BB} \quad \text{A}}$ then $\overline{\text{C} \quad \quad}$

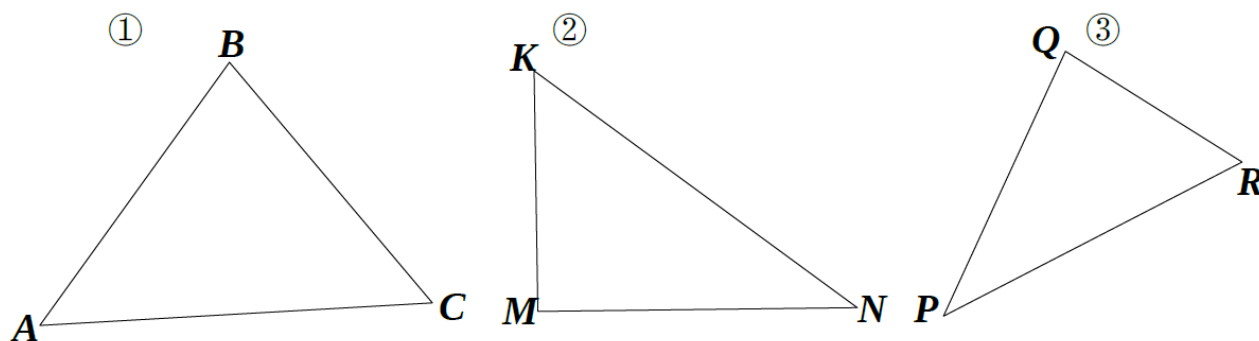
7

a) The length of a newborn baby whale was 5 m 3 dm 2 cm. Once he grew up he was 32 m 6 dm 7 cm long! How much did he grow?

b) An ant ran 16 m 4 dm 5 cm towards home. He had 9 m 1 dm 3 cm left to run. How far away was his home?

8

Draw **a line segment** within each triangle to end up with 3 triangles in each drawing.



Name the line segments you drew.

Write down the names of the triangles in each drawing.

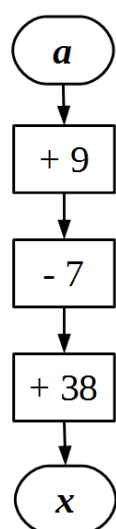
① $\triangle ABC$;

②

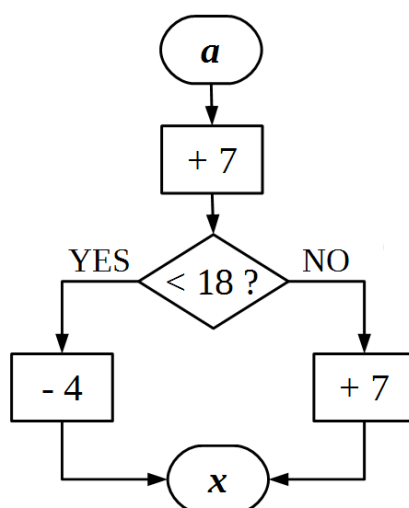
③

9

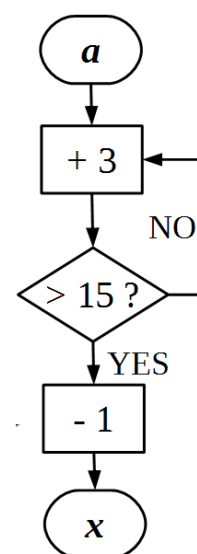
Perform the algorithms on the drawing below. Which of these algorithms and why could be called branching? Which one could be called loop algorithm?



a	4	13	21
x			



a	4	13	21
x			



a	4	13	21
x			

10

Fill missing numbers in multiplication-division table.

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6		10	12	14	16	18	20
3	3	6	9	12		18	21		27	30
4	4	8		16		24	28	32	36	
5		10	15	20		30	35		45	50
6	6	12	18		30	36		48	54	60
7	7	14	21	28		42	49	56	63	
8	8		24	32	40	48			72	80
9	9		27	36	45		63	72	81	90
10	10	20	30	40		60	70	80		100

11

For each multiplication fact, write also a division fact. Think about the groups!

a. $7 \times 2 = \underline{\quad}$ $\underline{\quad} \div 2 = \underline{\quad}$	b. $12 \times 2 = \underline{\quad}$ $\underline{\quad} \div 2 = \underline{\quad}$	c. $8 \times 5 = \underline{\quad}$ $\underline{\quad} \div 5 = \underline{\quad}$
d. $6 \times 7 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	e. $7 \times 7 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	f. $11 \times 3 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
g. $9 \times 8 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	h. $1 \times 5 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	i. $7 \times 9 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

12

Natasha sent 16 New Year cards and 9 Valentine's Day cards. She received 12 New Year cards and 10 Valentine's Day cards. How many more cards did Natasha send than receive?

13

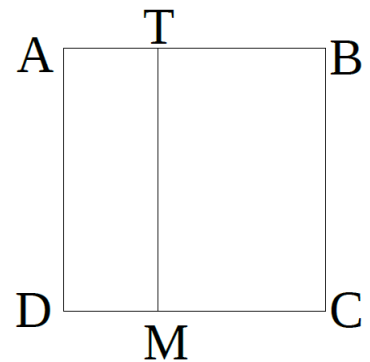
Foxy Tail, Little Joe, Jake the Mouse and Pop Eye went to the zoo and then drew pictures of their favorite animal: a wolf, a bear, a dolphin, and a flamingo (all drew different animals).

- Little Joe's drew an animal with fluffy fur;
- Jake the Mouse drew an animal with four legs;
- Pop Eye animal has feathers;
- Foxy Tail and Little Joe dislike wolves;

Who drew a dolphin?

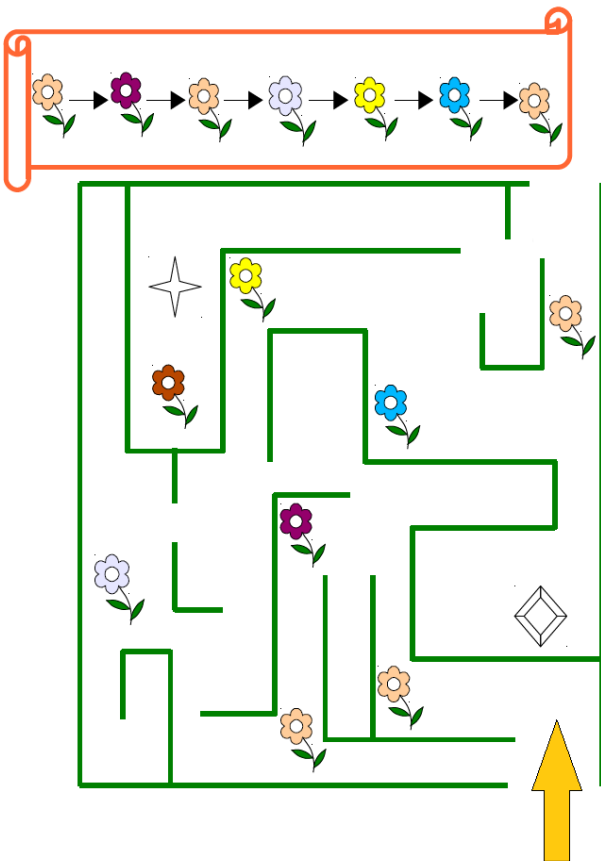
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ABCD is a square with the side 10 cm. ATMD is a rectangle whose short side is 3 cm. Which is longer the perimeter of the square ABCD or the perimeter of the rectangle ATMD? What is the difference?



15

Foxy Tail wants to pick flowers for his new friend Pretty Lucy.



To get the flowers FT needs to pick flowers according to the scheme and not to walk over the same place twice.

Once he finished were there any flowers left in the maze?

Pretty Lucy put all the flowers into the vase. Find the missing flowers and add them there.

