

# Homework 11

1. Solve the problems with one-digit and two-digit numbers:

$\begin{array}{r} 8C \\ - 4C \\ \hline \end{array}$
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$8C - 4C =$

$2B + 10 =$

$5A - 20 =$

2. Express in meters, decimeters, and centimeters.

$485 \text{ cm} = \underline{\hspace{2cm}}$

$562 \text{ cm} = \underline{\hspace{2cm}}$

$807 \text{ cm} = \underline{\hspace{2cm}}$

$350 \text{ cm} = \underline{\hspace{2cm}}$

3. Compare using  $>$ ,  $<$ , or  $=$ .

$456 - c \underline{\hspace{1cm}} 365 - c$

$207 + d \underline{\hspace{1cm}} 720 + d$

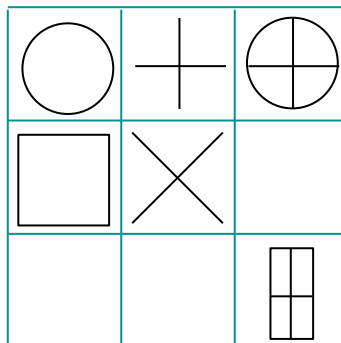
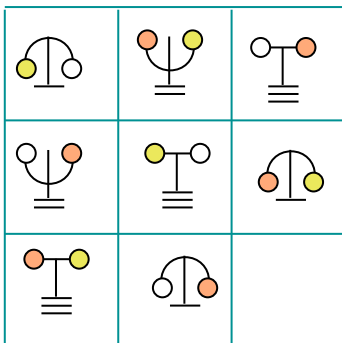
$a + 25 \underline{\hspace{1cm}} a + 125$

$x - 111 \underline{\hspace{1cm}} x - 9$

$340 - 0 \underline{\hspace{1cm}} 340 + 0$

$b - 602 \underline{\hspace{1cm}} b - 62$

4. Study the pictures below and try to recognize the patterns. Then, draw the missing shapes in the empty boxes.



5.

Number the order of operations:

a)  $(a - b) + (c - d)$

c)  $a + (b - c) - (d - k)$

b)  $a - (b + c) - d$

d)  $(a + b) - (c - d) - k$

6.

Construct the expressions and calculate their values.

To the sum of 45 and 36, add 5: \_\_\_\_\_

To the number 91, add the sum of 9 and 27: \_\_\_\_\_

From the sum of 78 and 46, subtract 28: \_\_\_\_\_

7.

a) One side of a triangle is 3 m 4 dm 8 cm, the second side is 29 dm, and the third side is 4 m 2 cm. What is the perimeter of the triangle in centimeters?

P = \_\_\_\_\_

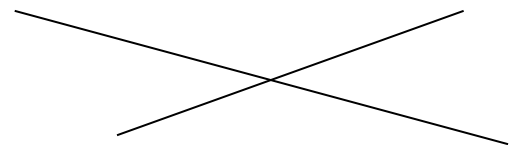
b) A rectangle is 1 m 25 cm long and 3 dm 5 cm wide. What is the perimeter of the rectangle in centimeters?

P = \_\_\_\_\_

8.

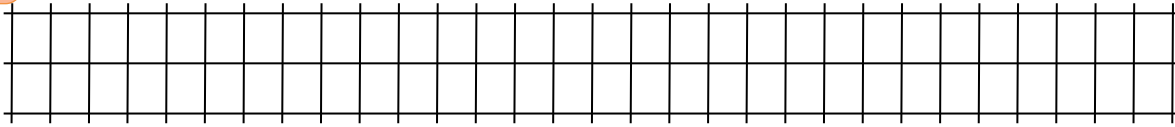
Ann drew two intersecting straight lines. She marked 3 points on one of the lines and 5 points on the other one. Totally she marked 7 points.

How is this possible? Show on the picture.



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9. Find the value of the expression  $(a + b) + c$  for  $a = 385$ ;  $b = 428$ ;  $c = 15$ .



10. In your notebook draw triangle and polygonal chain in such a way that the polygonal chain crosses each side of the triangle at a) one point; b) two points; c) three points and d) four points.

11. There are 40 people in the room. Some of them know Russian, some of them know Chinese, some of them speak both languages and some of them do not speak either language.

Can you figure out how many people can talk to each other if you know, that 22 people can speak Russian, 13 people do not know Russian or Chinese and 17 people can speak Chinese. Draw Venn diagram to help you solve.

Answer: \_\_\_\_\_

12. Compute in your notebook and copy your answer here:

$241 + 182 = \underline{\hspace{2cm}}$

$956 - 365 = \underline{\hspace{2cm}}$

$123 + 217 = \underline{\hspace{2cm}}$

$261 - 49 = \underline{\hspace{2cm}}$

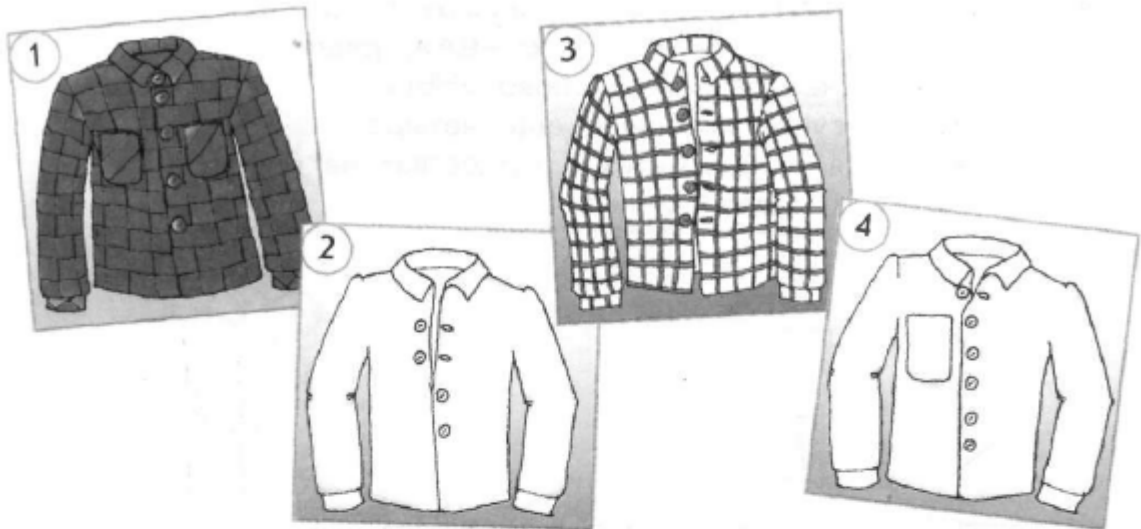
$835 + 106 = \underline{\hspace{2cm}}$

$475 - 187 = \underline{\hspace{2cm}}$

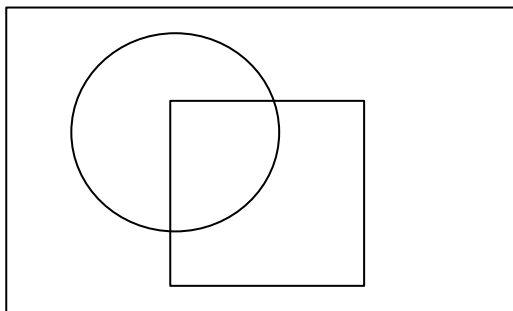
13.

Look at the drawing and write the words YES or NO into the table:

Shirt number	1	2	3	4
The shirt has a pattern.				
The shirt is completely white.				
The shirt has less than five buttons.				
The shirt has pockets.				
All buttons are buttoned.				



Write the shirt numbers into the correct sets below.



Sets	
<input type="text"/>	- shirts in the drawing
<input type="text"/>	- completely white shirts
<input type="text"/>	- shirts with pockets