Math 2   Homework 22

Learn multiplication table by 6 and 7 by heart!

1

$7 \times 0 =$	$2 \times 7 =$	$1 \times 7 =$
$10 \times 70 =$	$20 \times 7 =$	$7 \times 40 =$
$7 \times 30 =$	$7 \times 20 =$	$30 \times 6 =$
$60 \times 1 =$	$60 \times 10 =$	$20 \times 6 =$
$20 \times 7 =$	$60 \times 5 =$	$2 \times 60 =$
$10 \times 700 =$	$7 \times 50 =$	$30 \times 7 =$
$70 \times 3 =$	$60 \times 2 =$	$60 \times 7s0 =$

Report the time you spent: _____ minutes

2

What number is covered by the flower?

$$\bigcirc + \triangle = 3$$
$$\triangle + \triangle = 4$$
$$\triangle + \square = 5$$
$$\bigcirc + \square = \text{❀}$$

(A) 1   (B) 2   (C) 3   (D) 4   (E) 5

3

Fill the blanks with numbers:

$12 + (6 \times \text{....}) = 24$ $29 + (6 \times \text{…}) = 53$

$19 + (6 \times \text{…}) = 54$ $45 + (6 \times \text{…}) = 93$

4

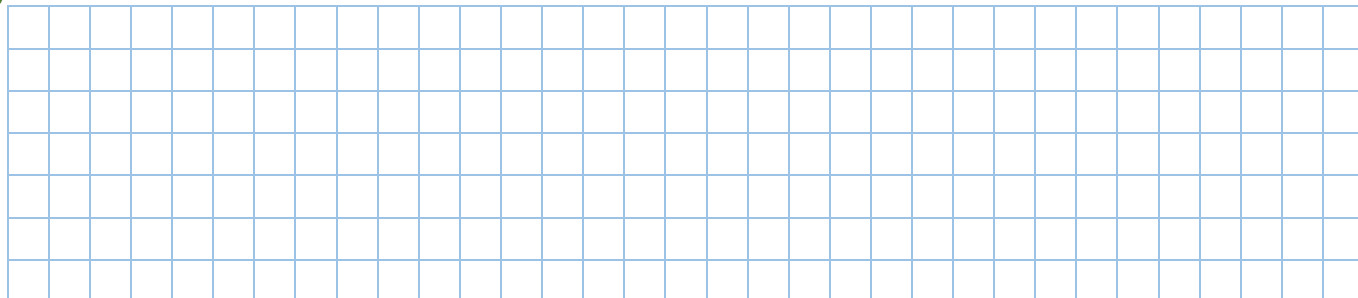Calculate:

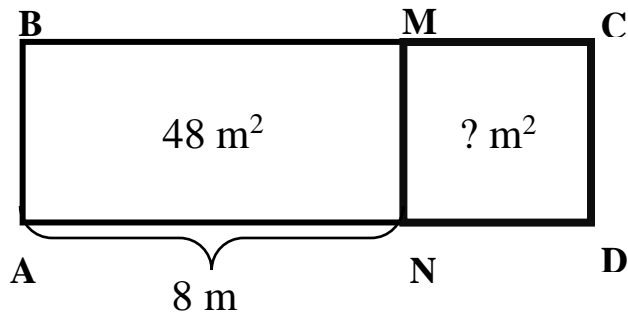$31 \times 5 =$ $67 \times 6 =$ $222 \times 4 =$

5

Find the area and the perimeter of square NMCD. Show your calculations step by step.

B   M   C

48 m^2 $? \text{ m}^2$

A   N   D

8 m

A = _____

P = _____

6

Mark the Axis X and Axis Y. Remember X is horizontal, Y is vertical.
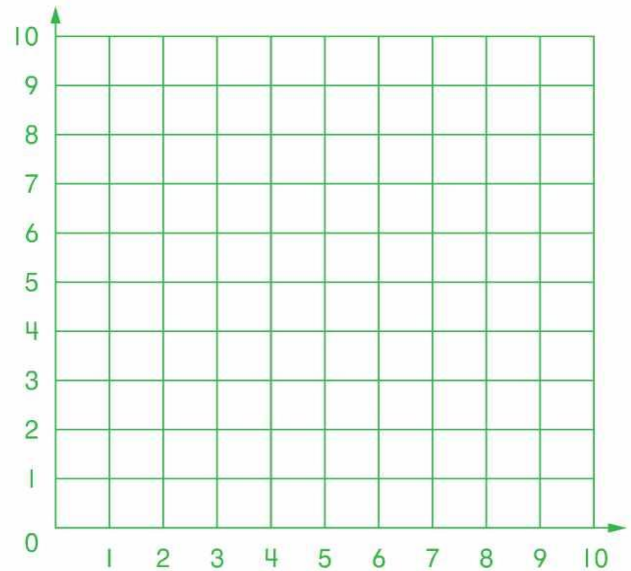
Mark points:
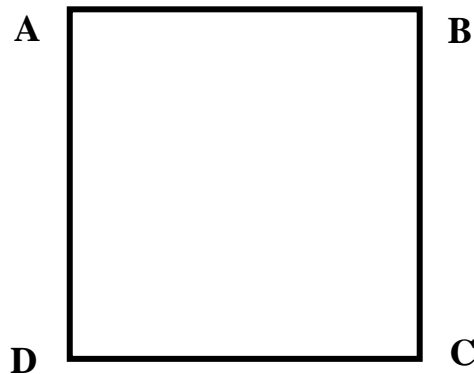
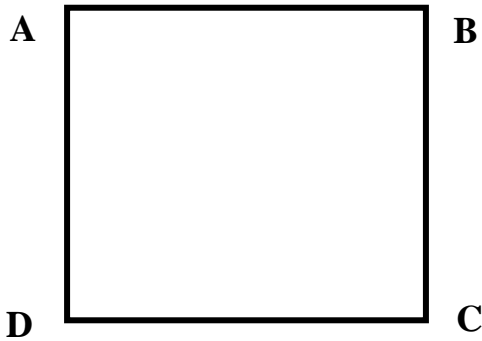M (1, 1),

K (8, 0),

N (6, 6),

L (9,5) and

P (3, 5)

7

Inside the square ABCD draw two line segments in order to get 3 triangles and 1 pentagon. Label both segments with letters and write down the name of each shape.

A   B

D   C

8

Inside square ABCD draw two line segments in order to get 3 triangles and 3quadrilaterals. Label both segments with letters and write down the name of each shape.

A   B

D   C

9.

Peter came home from the school at 2.10 pm. When did he leave the school if it takes 15 minutes for him to get from home from the school?

_____

10

Compare without calculation (<, >, =):

$(14 + 21) + (21 + 14) \ \square \ (14 + 21) \times 3$

$37 + 24 + 24 + 37 \ \square \ (37 + 24) \times 2$

$(34 + 19) + (37 + 37) \ \square \ 0$

11

Write down the expression for each problem. Then, calculate the values of each expression if it's possible.

a) There were five mannequins in a store, and then seven more mannequins were added. How many mannequins are in the store? _____

b) There are m mannequins in a store, and then 3 more mannequins were added. How many mannequins are in the store? _____

c) There are s mannequins in the first store and p mannequins in the second store. How many mannequins are in both stores? _____

d) There are m mannequins in a store, and then p more mannequins were added. How many mannequins are in the store? _____

e) There are 18 mannequins in the first store and 24 mannequins in the second store. How many more mannequins are in the first store than in the second one?

_____

f) There are g mannequins in the first store and r mannequins in the second store. How many more mannequins are in the first store than in the second one?

_____

12

Make a list of the first ten multiples of 3 _____

a) Which of the numbers on your list are multiples of 6? - circle them!

b) What pattern do you see where the multiples of 6 appear in the list? – write your answer:

_____

c) Which numbers on the list are multiples of 7? Can you predict when multiples of 7 will appear in the list of multiples of 3? Explain your reasoning.

_____

_____

13

Find coordinates of the objects.

(,)   (,)

(,)   (,)

(,)   (,)

(,)   (,)
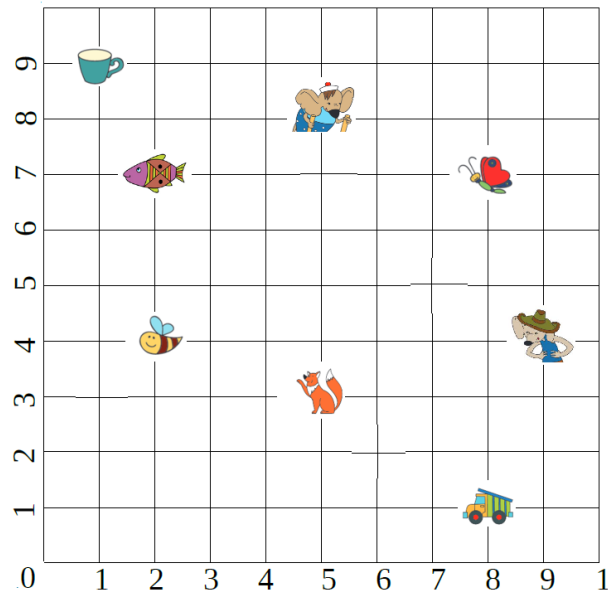
14

Insert the parenthesis to the following equalities to make them correct.

a) $6 + 2 \times 5 = 40$

b) $3 \times 4 + 2 = 18$

c) $3 + 4 \times 2 + 4 = 42$

d) $4 + 3 + 2 \times 2 = 18$

15

Open parentheses and try to simplify (find like terms and see if some of them can be canceled).
HINT: if you do everything correctly, the answer will be just one letter!

$(a + b + c) - (c - d - e - f - g) - (a + b) - (e + d + f + g) + a =$

$=$ _____