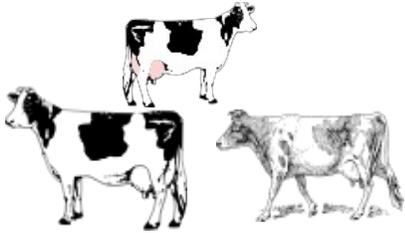


1

Homework for Lesson № 3

What do we call a set of cows pasturing together?



What do we call a set of bees flying together?



What do we call a set of trees growing together?



What do we call a set of soccer players gathered for a game?



What other team games do you know?

Describe your own set and make a picture of it.

2 Name an element of each of the following sets:

An element of a choir is a ...

An element of a formal suit is a ...

An element of an orchestra is a ...

An element of a library collection is a ...

An element of the set of kids in a school class is a ...

An element of school rooms is a ...

3 Name three elements of each set:

Berries:	Books:	Vegetables:
1. _____	1. _____	1. _____
2. _____	2. _____	2. _____
3. _____	3. _____	3. _____

4 Define two sets by listing a property of its elements. Name elements both included and not included into these sets.

I	II
A set of _____	A set of _____
_____ is included in this set.	_____ is included in this set.
_____ is not included in this set.	_____ is not included in this set.

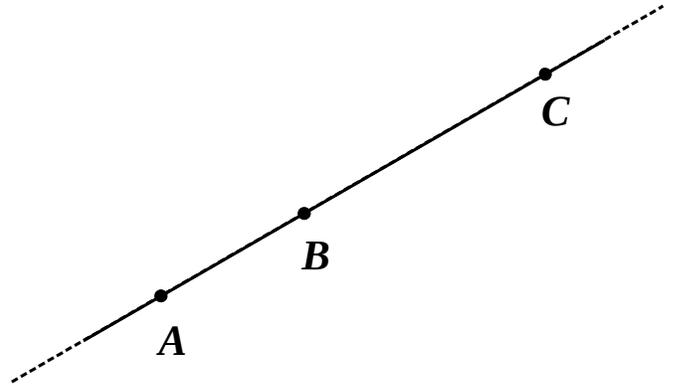
5 List the elements of each set:

Set of letters of the word "city":	Set of odd one-digit numbers:
Set of multiples of 3 less than 21:	Set of odd numbers greater than 603 but less than 608:

6 List all 6 elements of the set Q of possible names of straight line AB .

- | | |
|------------------|----------|
| 1. <u> AB </u> | 4. _____ |
| 2. <u> BA </u> | 5. _____ |
| 3. _____ | 6. _____ |

$Q = \{ \quad , \quad , \quad , \quad , \quad , \quad \}$

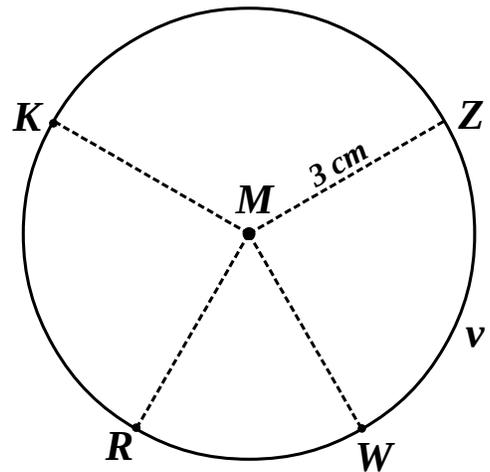


7 Finish the statements:

$v = \text{Circ}(\quad , \quad)$

$|MZ| = \quad \text{cm}$ $|MK| = \quad \text{cm}$

$|MR| = \quad \text{cm}$ $|MW| = \quad \text{cm}$



8
LJ: *My brother FT likes chocolate cake.*

FT: *We both like chocolate cake.*

Does LJ like chocolate cake? _____

Once FT said this about LJ and himself:

“At least one of us does like broccoli.”

Which of the brothers likes broccoli? _____

Which does not? _____

**Foxy Tail always lies.
 Little Joe always tells truth.**



9 Mark the order of operations and evaluate the expressions:

$4 \times 3 + 5 = \underline{\hspace{2cm}}$

$2 \times 7 + 11 = \underline{\hspace{2cm}}$

$7 \times (5 - 3) = \underline{\hspace{2cm}}$

$67 - 4 \times 7 = \underline{\hspace{2cm}}$

$18 + 3 \times 7 = \underline{\hspace{2cm}}$

$(3 + 5) \times 9 = \underline{\hspace{2cm}}$

10

In your notebook solve the following equations and check your answers. Copy them here.

$x - 17 = 24$

$w : 9 = 7$

$q + 24 = 52$

$y \times 7 = 28$

$x = \underline{\hspace{2cm}}$

$w = \underline{\hspace{2cm}}$

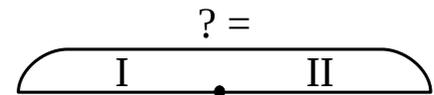
$q = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

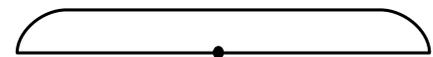
11

Choose correct auxiliary drawings, complete them, and write the expressions:

There are 5 eggs in a basket. There are b eggs in another basket. How many eggs are in both baskets?



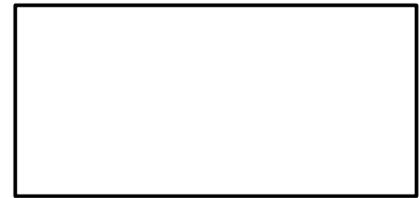
There are 5 eggs in each of b baskets. How many eggs are in all these baskets?



There are w fish in an aquarium. In another aquarium there are 3 more fish than in the first one. How many fish are in both aquariums?

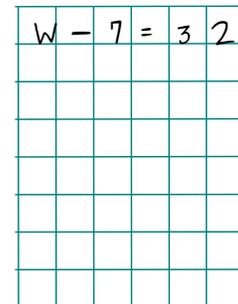
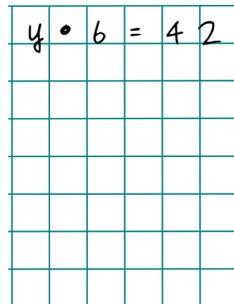
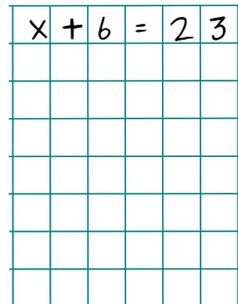
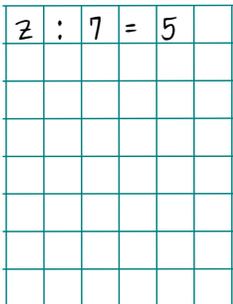


There are w fish in each of 3 aquariums. How many fish are in all these aquariums?



12

Analyze operations, solve the equations and check you answers:



13

Calculate:

$$10 \text{ cm} + 2 \text{ dm} = \underline{\quad} \text{ cm}$$

$$86 \text{ cm} - 2 \text{ dm } 3 \text{ cm} = \underline{\quad} \text{ cm}$$

$$120 \text{ cm} - 3 \text{ dm} = \underline{\quad} \text{ dm}$$

$$1 \text{ cm} + 1 \text{ dm} = \underline{\quad} \text{ cm}$$

$$2 \text{ m} + 100 \text{ cm} = \underline{\quad} \text{ cm}$$

$$2 \text{ m} + 100 \text{ cm} = \underline{\quad} \text{ m}$$

14 Use a compass to plot ...

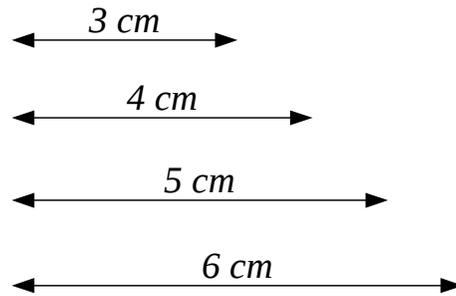
... $a = \text{Circ}(O, 4 \text{ cm})$

... $b = \text{Circ}(O, 5 \text{ cm})$

... $c = \text{Circ}(O, 6 \text{ cm})$

... $d = \text{Circ}(W, 4 \text{ cm})$

... $e = \text{Circ}(R, 3 \text{ cm})$



O

R

W

Use a straight edge to plot straight lines WR , OR , WO . Make sure these lines continue beyond the points O , R , and W .

