

1.

Solve equations:

$x + 209 = 507$

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

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

Check: $\underline{\hspace{4cm}}$

$905 - x = 459$

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

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

$\underline{\hspace{4cm}}$

$x - 307 = 428$

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

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

$\underline{\hspace{4cm}}$

2.

Write an expression for each problem.

There are m fish in an aquarium, and then k more fish were added. How many fish are in the aquarium?

$\underline{\hspace{10cm}}$

There are d fish in the aquarium and we remove p fish from the aquarium. How many fish are in the aquarium?

$\underline{\hspace{10cm}}$

There are f fish in the first aquarium and j fish in the second aquarium. How many more fish are in the first aquarium than in the second one?

$\underline{\hspace{10cm}}$

There are n fish in the first aquarium and t fish in the second aquarium. We remove b fish from the first aquarium. How many fish are in both aquariums?

$\underline{\hspace{10cm}}$

3.

Mark the order of operations and find the result:

$23 + (9 - 7) = \underline{\hspace{2cm}} \quad 13 - 3 + 9 = \underline{\hspace{2cm}} \quad 20 - (3 + 2 - 1) = \underline{\hspace{2cm}}$

$27 - (4 + 3) - 1 - (10 + 5) = \underline{\hspace{2cm}}$

$60 - (4 + 7) + 4 - (10 - 8) = \underline{\hspace{4cm}}$

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4. Open up the parentheses:

$59 + (k + 21) = \underline{\hspace{2cm}}$

$100 - (p + 14) = \underline{\hspace{2cm}}$

$a + (6 + b) = \underline{\hspace{2cm}}$

$52 - (s + 50) = \underline{\hspace{2cm}}$

$56 + (g - 10) = \underline{\hspace{2cm}}$

$52 - (h - 7) = \underline{\hspace{2cm}}$

5. Convert the following measurements.

$1 \text{ m } 2 \text{ dm } 7 \text{ cm} = \underline{\hspace{1cm}} \text{ cm}$

$270 \text{ dm} = \underline{\hspace{1cm}} \text{ m}$

$3 \text{ m } 7 \text{ cm} = \underline{\hspace{1cm}} \text{ cm}$

$507 \text{ cm} = \underline{\hspace{1cm}} \text{ m } \underline{\hspace{1cm}} \text{ cm}$

$40 \text{ m} = \underline{\hspace{1cm}} \text{ dm}$

$29 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm}$

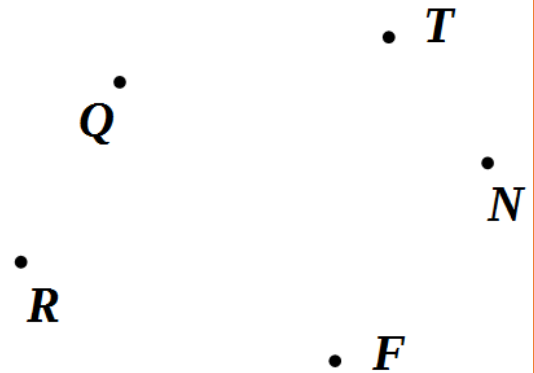
$314 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm}$

$30 \text{ dm} = \underline{\hspace{1cm}} \text{ m}$

$5 \text{ m } 4 \text{ dm} = \underline{\hspace{1cm}} \text{ cm}$

6. Use a ruler.

- Plot straight line (**NQ**).
- Plot ray [**RT**].
- Label the intersection **M**.
- Plot segment [**MF**].



Make a right-angle template.
Using the template compare the following angles. Mark with YES the ones that are larger than the right angle.

$\underline{\hspace{1cm}} \angle \text{RMF}$

$\underline{\hspace{1cm}} \angle \text{QMF}$

$\underline{\hspace{1cm}} \angle \text{FMT}$

$\underline{\hspace{1cm}} \angle \text{TMN}$

7. Compare:

$28 - 5 \square 28 - (5 + 1)$

$28 + 5 \square 28 + (5 + 1)$

$28 - 5 \square 28 - (5 - 2)$

$28 + 5 \square 28 + (5 - 1)$

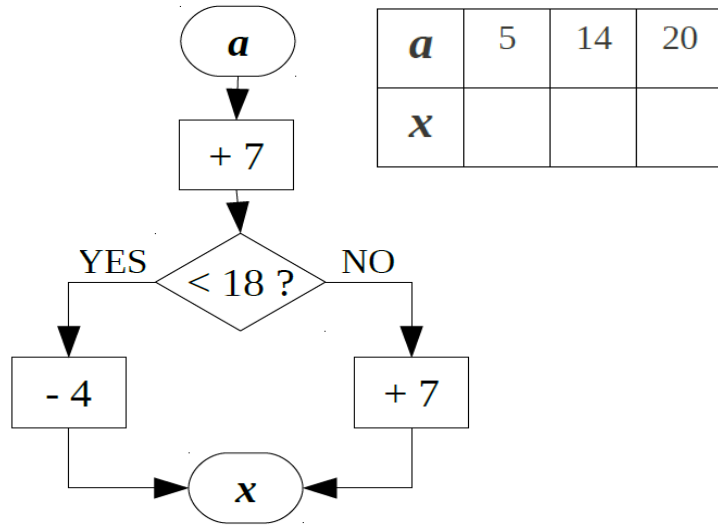
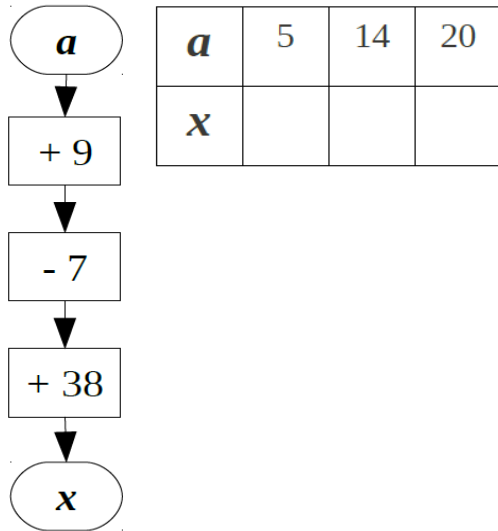
$28 - 5 \square 28 - (5 + a)$

$28 + 5 \square 28 + (5 + a)$

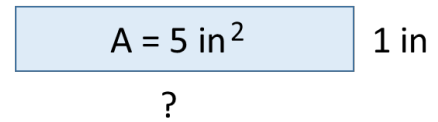
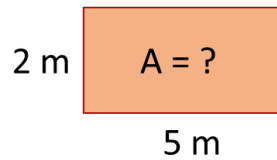
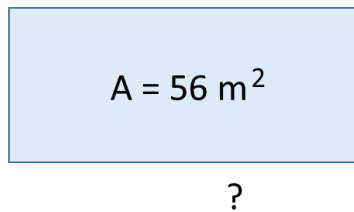
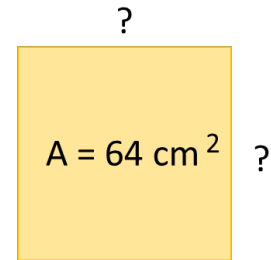
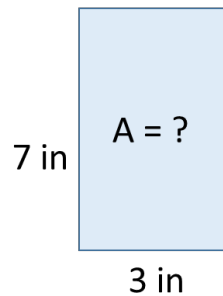
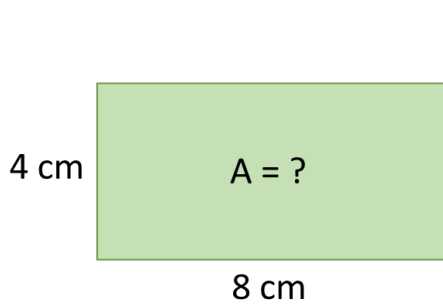
$28 - 5 \square 28 - (5 - b)$

$28 + 5 \square 28 + (5 - b)$

8. Perform the actions according to the algorithms in the drawing below. Which of these algorithms is linear and which is branching



9. Find 1) perimeter and 2) area or side of the rectangle.



10.

Compare:

$6 \times 2 \square 6 : 2$

$c \times 2 + c \square c \times 3$

$5 \times 2 \square 5 + 2$

$7 \times 3 \square 6 + 6 + 6$

$y \times 4 + y \times 2 \square y \times 5$

$q \times 2 \square q : 2$

$6 : 3 \square 6 : 2$

$24 : 6 \square 24 : 4$

$t : 2 \square t : 3$

11.

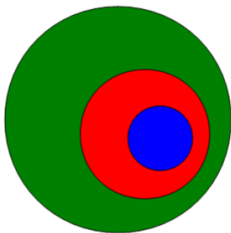
For each multiplication fact, write also a division fact.

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.

Color the circles that represent different groups

A.



- Buses

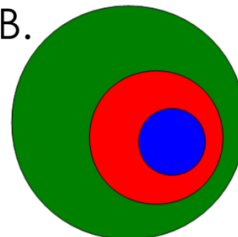


- Cars



- School Buses

B.



- Children

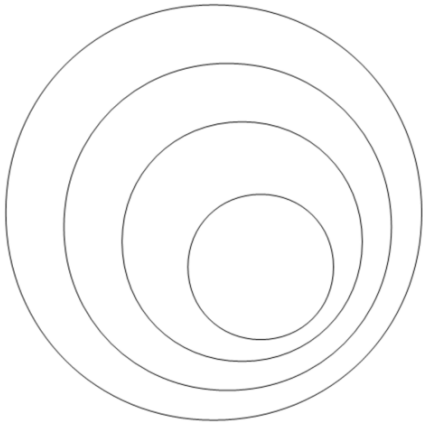






- People



- Girls

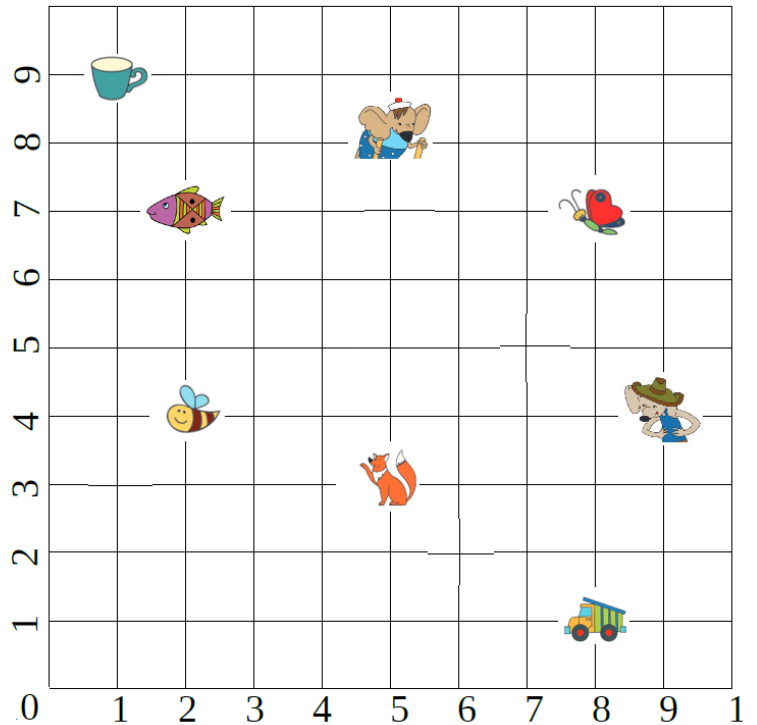
12. Color the circles using the table:



Sets of	
	- Predators
	- Tigers
	- Bengal tigers
	- Animals

13.

Find coordinates of the objects.



14.

Look at the front and top view drawings. Match it with a 3D object.

<i>Front View</i>	<i>Top View</i>

