The very last homework for this year ☺

1 Solve equations:

$x + 209 = 507$ $905 - x = 459$ $x - 307 = 428$

$x =$ _____ $x =$ _____ $x =$ _____

$x =$ _____ $x =$ _____ $x =$ _____

Check:

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?

_____

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

_____

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?

_____

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?

_____

3 Mark the order of operations and find the result:

$23 + (9 - 7) =$ $13 - 3 + 9 =$ _____ $20 - (3 + 2 - 1) =$ _____

$27 - (4 + 3) - 1 - (10 + 5) =$ _____ $60 - (4 + 7) + 4 - (10 - 8) =$ _____

4 Open up the parentheses:

59 + (k + 21) =   100 − (p + 14) =

a + (6 + b) =   52 − (s + 50) =

56 + (g - 10) =   52 − (h - 7) =

63 + (54 - c) =   51 − (k - f) =

5 Convert the following measurements.

1 m 2 dm 7 cm = _____ cm   270 dm = ____ m   3 m 7 cm = _____ cm

507 cm = ____ m ____ cm   40 m = _____ dm   29 cm = ___ dm ___ cm

314 cm = ____ dm ____ cm   30 dm = _____ m   5 m 4 dm = _____ cm

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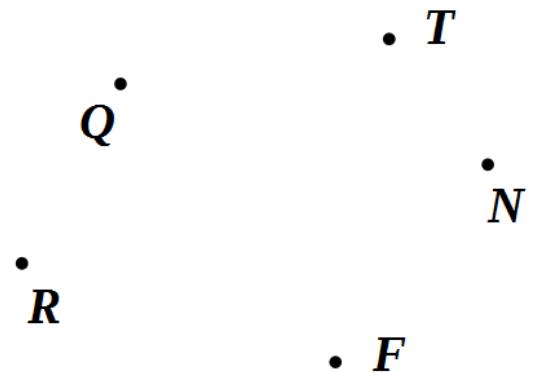- Label the intersection **M**.
- Plot segment [**MF**].

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

• **T**

Q

• **N**

•
R

• **F**

_____∠**RMF**   _____∠**QMF**

_____∠**FMT**   _____∠**TMN**

7 Compare:

28 − 5 ☐ 28 − (5 + 1)   28 + 5 ☐ 28 + (5 + 1)

28 − 5 ☐ 28 − (5 − 2)   28 + 5 ☐ 28 + (5 − 1)

28 − 5 ☐ 28 − (5 + a)   28 + 5 ☐ 28 + (5 + a)
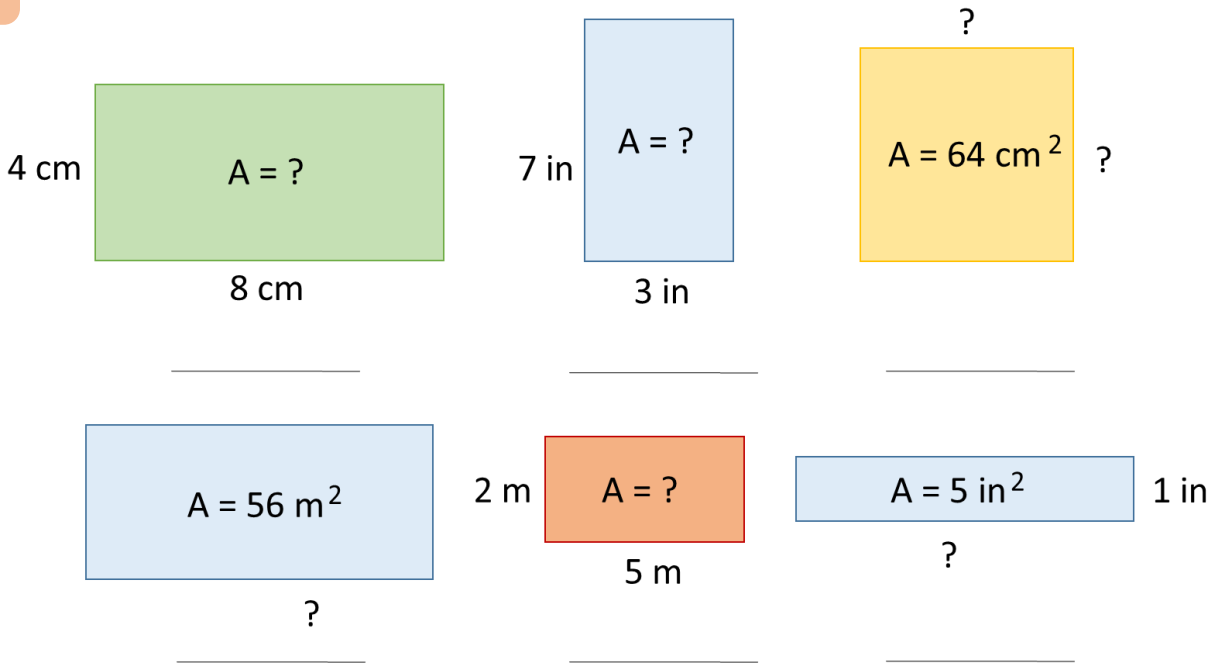
28 − 5 ☐ 28 − (5 − b)   28 + 5 ☐ 28 + (5 − b)

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

a	5	14	20
x			

Algorithm 1 (left):
- a
- $+ 9$
- $- 7$
- $+ 38$
- x

Algorithm 2 (right):
- a
- $+ 7$
- $< 18\ ?$ — YES / NO
- YES: $- 4$
- NO: $+ 7$
- x

a	5	14	20
x			

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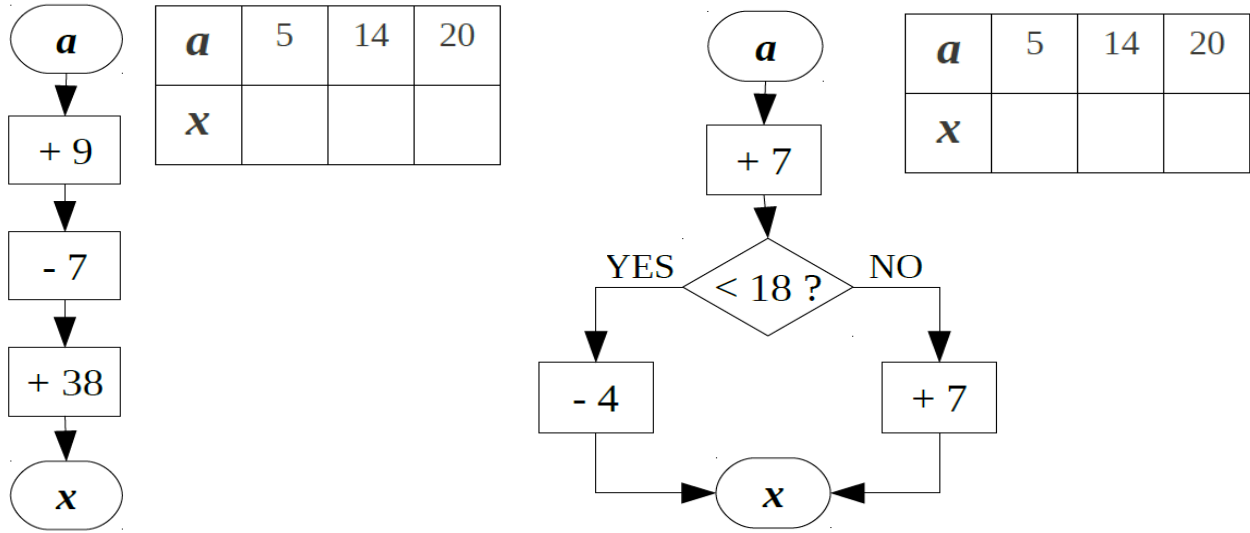
9 Find 1) perimeter and 2) area or side of the rectangle.

4 cm — A = ? — 8 cm

7 in — A = ? — 3 in

? — A = 64 cm^2 — ?

_____   _____   _____

A = 56 m^2 — ?

2 m — A = ? — 5 m

A = 5 in^2 — 1 in — ?

_____   _____   _____

---

10 Compare:

$6 \times 2 \ \Box\ 6 : 2$ $c \times 2 + c \ \Box\ c \times 3$ $5 \times 2 \ \Box\ 5 + 2$

$7 \times 3 \ \Box\ 6 + 6 + 6$ $y \times 4 + y \times 2 \ \Box\ y \times 5$ $q \times 2 \ \Box\ q : 2$

$6 : 3 \ \Box\ 6 : 2$ $24 : 6 \ \Box\ 24 : 4$ $t : 2 \ \Box\ t : 3$
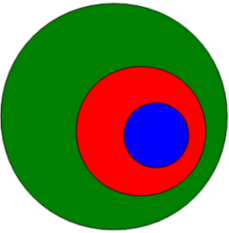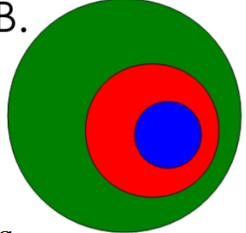
11 For each multiplication fact, write also a division fact.

a. 7 × 2 = _____ _____ ÷ 2 = _____	**b.** 12 × 2 = _____ _____ ÷ 2 = _____	**c.** 8 × 5 = _____ _____ ÷ 5 = _____
d. 6 × 7 = _____ _____ ÷ ___ = _____	**e.** 7 × 7 = _____ _____ ÷ ___ = _____	**f.** 11 × 3 = _____ _____ ÷ ___ = _____
g. 9 × 8 = _____ _____ ÷ ___ = _____	**h.** 1 × 5 = _____ _____ ÷ ___ = _____	**i.** 7 × 9 = _____ _____ ÷ ___ = _____

12 Color the circles that represent different groups

A.

○ – Buses

○ – Vehicles

○ – School Buses

B.

○ – Children

○ – People

○ – Girls

Color the circles using the table:
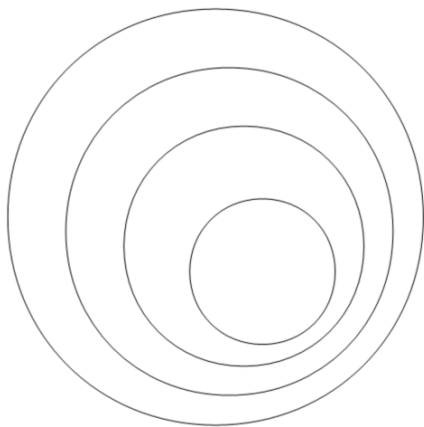
	Sets of
🟡	- Predators
🔴	- Tigers
🔵	- Bengal tigers
🟢	- Animals

13 Find coordinates of the objects.

 (,)   (,)

 (,)   (,)

 (,)   (,)

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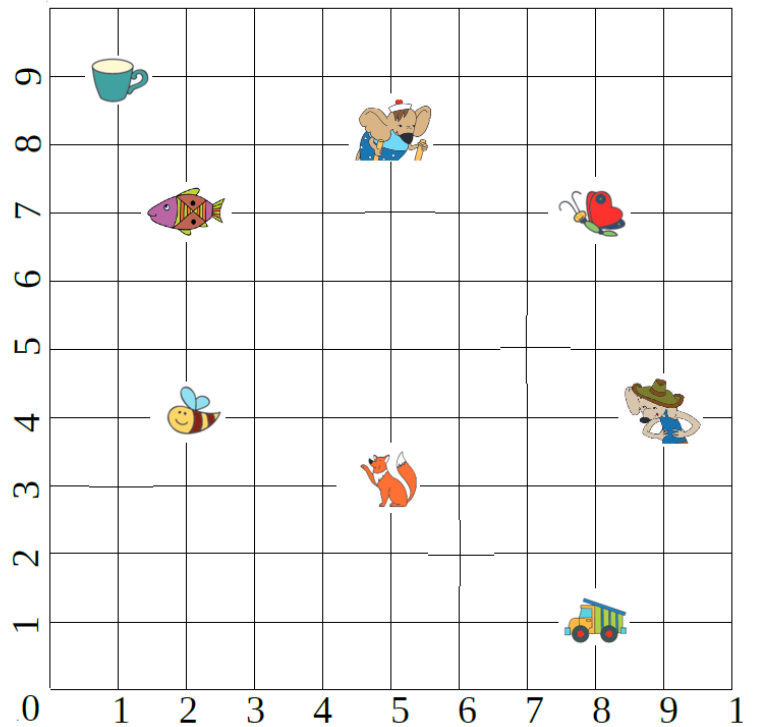
14 Look at the front and top view drawings. Match it with a 3D object.

Front View	Top View