Lesson 27

The very last homework for this year ☺

1 Solve equations:

x + 209 = 507

x = _____

x = _____

905 – **x** = 459

x = _____

x = _____

x – 307 = 428

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.

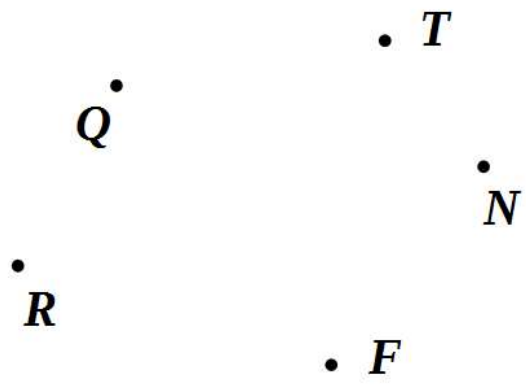
1 m 2 dm 7 cm = _____ cm 270 dm = ____ m 3 m 7 cm = _____ cm

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.

_____∠**RMF** _____∠**QMF**

_____∠**FMT** _____∠**TMN**

7 Compare:

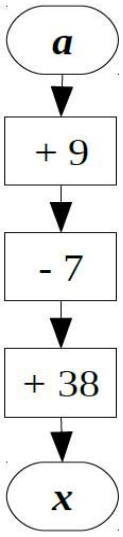
$28 - 5 \square 28 - (5 + 1)$ $28 + 5 \square 28 + (5 + 1)$

$28 - 5 \square 28 - (5 - 2)$ $28 + 5 \square 28 + (5 - 1)$

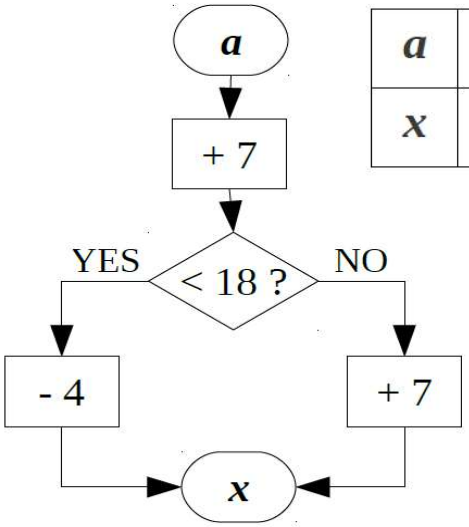
$28 - 5 \square 28 - (5 + a)$ $28 + 5 \square 28 + (5 + a)$

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

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

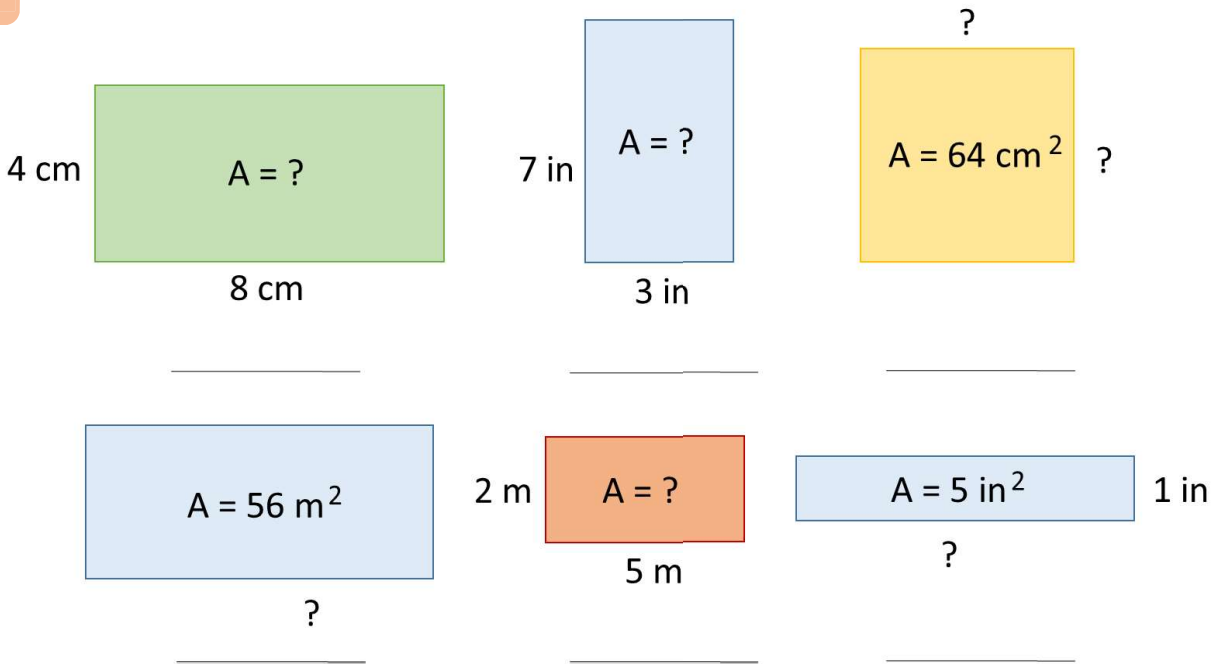


a	5	14	20
x			



a	5	14	20
x			

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



10 Compare:

$6 \times 2 \square 6 : 2$ $\quad c \times 2 + c \square c \times 3$ $\quad 5 \times 2 \square 5 + 2$

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

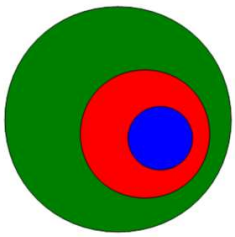
$6 : 3 \square 6 : 2$ $\quad 24 : 6 \square 24 : 4$ $\quad t : 2 \square t : 3$

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.

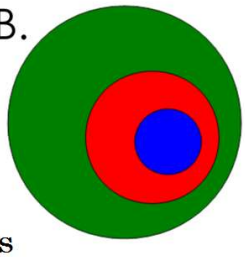


○ – Buses

○ – Vehicles

○ – School Buses

B.

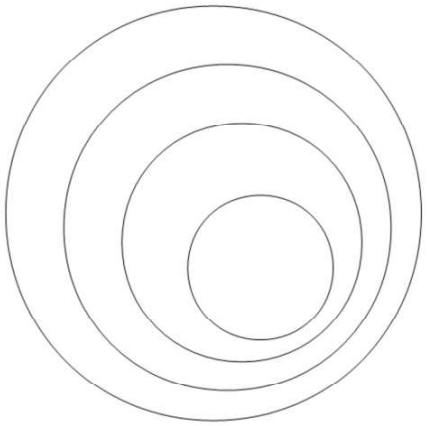


○ – Children

○ – People

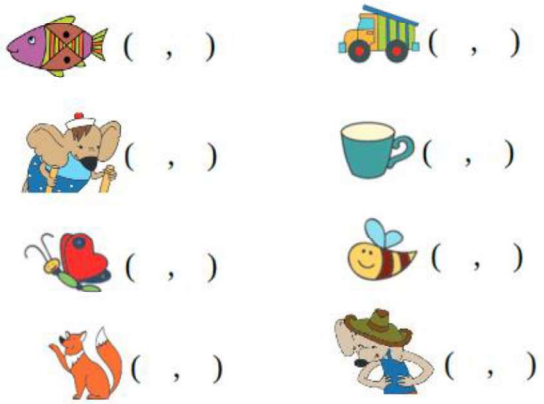
○ – Girls

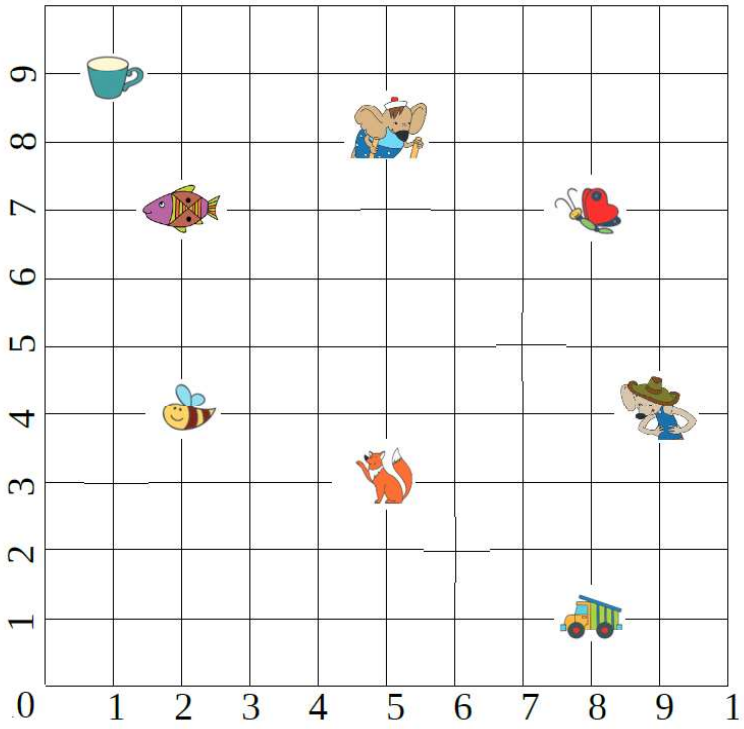
Color the circles using the table:



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