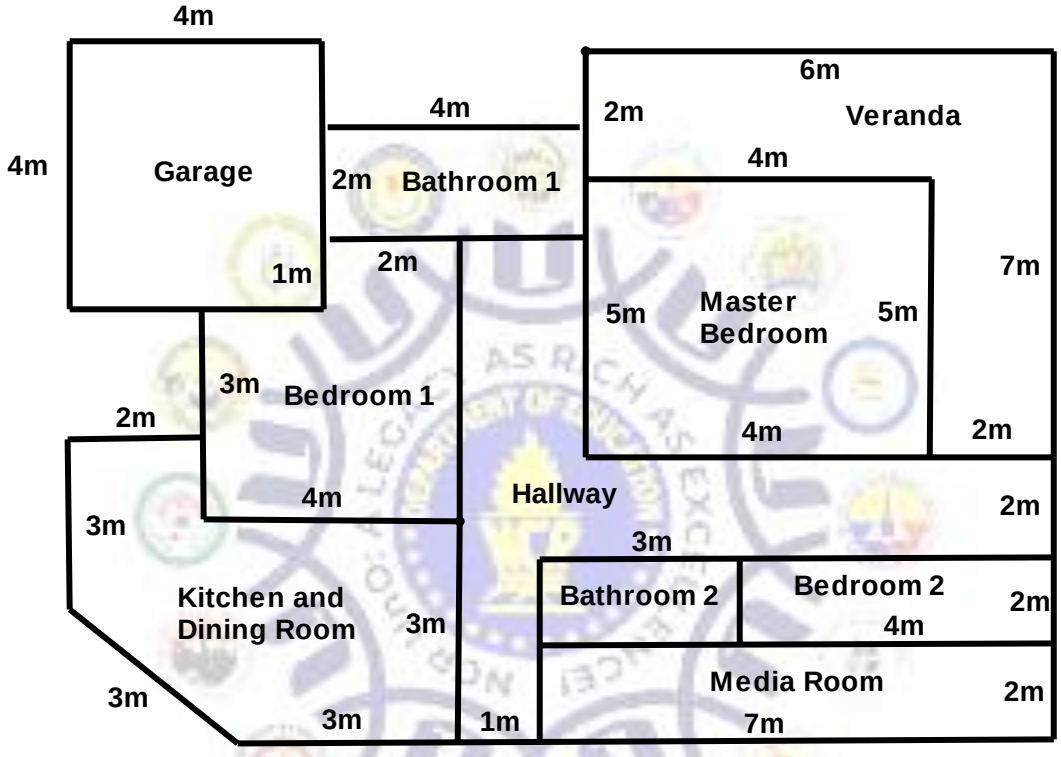
LEARNING ACTIVITY SHEET Grade 4 – Mathematics

Name:_____Date:_____Rating/Score:_____

PERIMETER OF A HOUSE

DIRECTIONS: This is the floorplan of Mr. Lee's new house. Use the floorplan to find the perimeter of each of the following rooms. Use the table found below. (10 points)



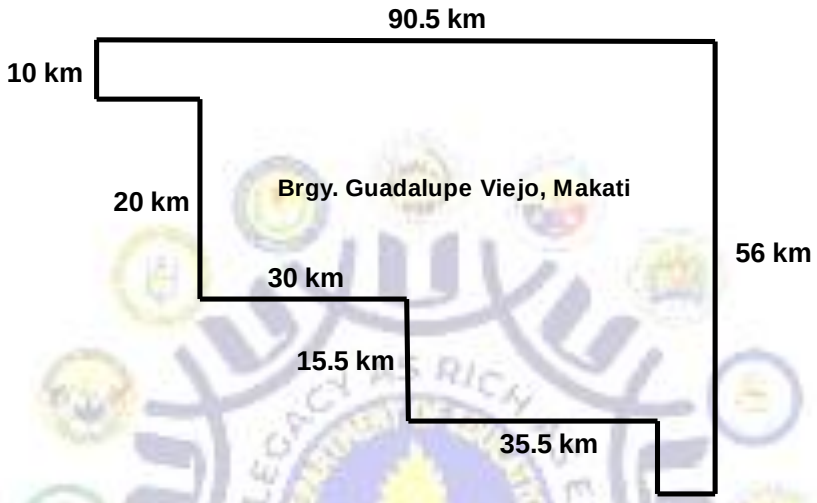
ROOM	PERIMETER	ROOM	PERIMETER
1. Media Room		6. Bathroom 1	
2. Master Bedroom		7. Bathroom 2	
3. Bedroom 1		8. Veranda	
4. Bedroom 2		9. Garage	
5. Kitchen and Dining Room		10. Hallway	

Specific Week: Weeks 8 and 9
Target Competencies: Solves routine and non-routine problems in real-life situations involving perimeter of squares and rectangles, triangles, parallelograms, and trapezoids**;** Differentiates perimeter from area; converts sq.cm. to sq.m. and vice - versa.

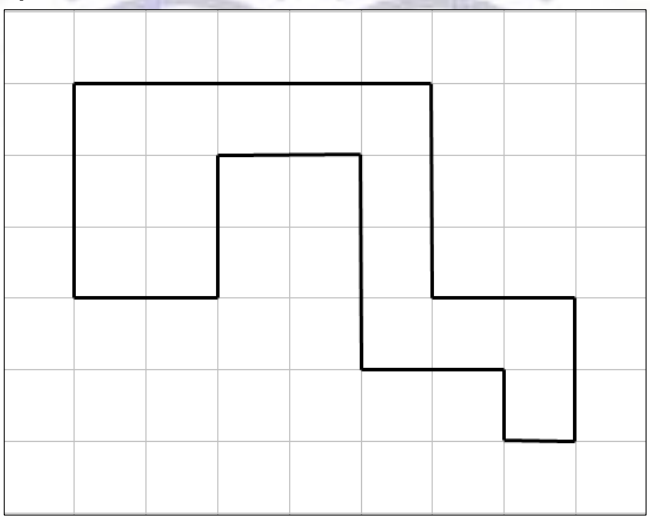
LET'S GO AROUND

DIRECTIONS: Answer the following questions.

Mike is driving a motorcycle as a means of transportation during pandemic. Every day he has to go four times around the vicinity of Guadalupe Viejo where he works as a messenger. How far does he travel in one day? two days?



Sarah thinks the perimeter of this shape is 15 units. Do you think she is correct? If not, why? What should be the perimeter?



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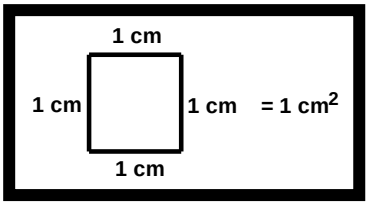
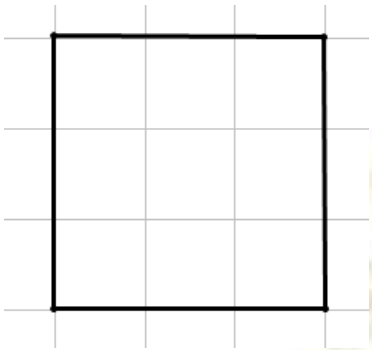
AREA AND PERIMETER



DIRECTIONS: Find the area (A) and perimeter (P) of each shape.

Kindly use the figure inside the box as your reference.

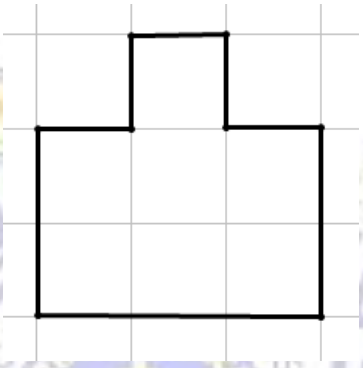
1.



A = _____

P = _____

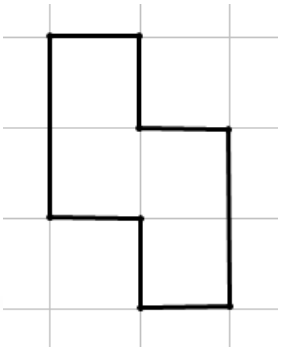
2.



A = _____

P = _____

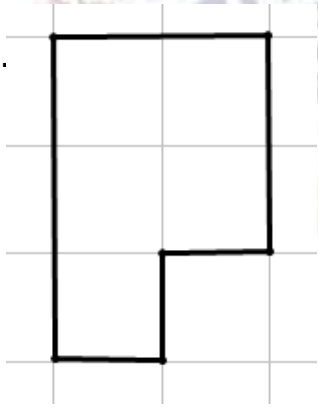
3.



A = _____

P = _____

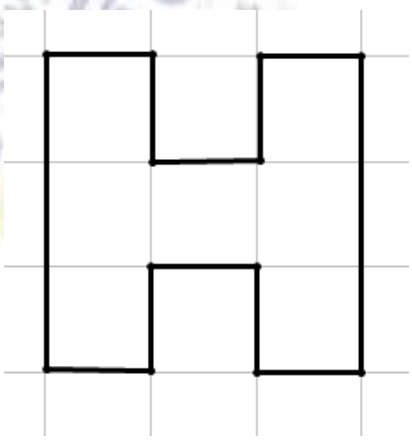
4.



A = _____

P = _____

5.



A = _____

P = _____

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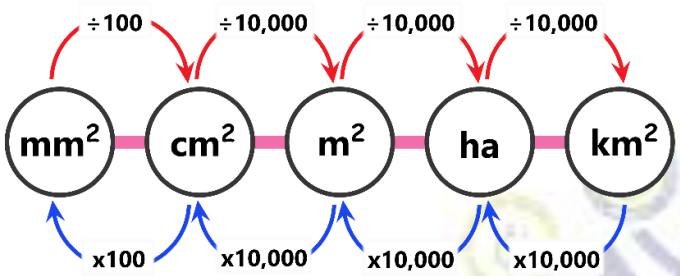
CONVERTING AREA UNITS

DIRECTIONS: Convert the following into the unit stated. Write your answer in a separate sheet of paper.

AREA is the number of square units. Study the illustration below to convert one square unit to another.



2.5 m^2 = ___ cm^2 →Need to multiply by 100^2 or 10,000

2.5 m^2 x 10 000 = 25 000 cm^2

1.2 cm^2 = ___ m^2 →Need to divide by 100^2 or 10,000

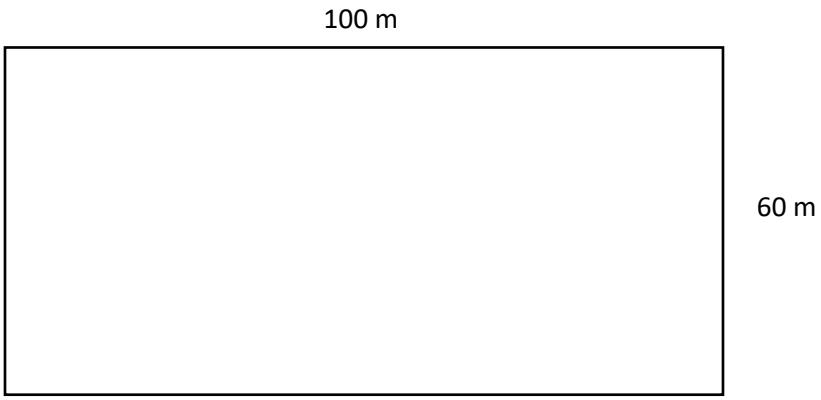
1.2 cm^2 ÷ 10 000 = 0.00012 m^2

Convert the following:

1) 2 sq. m. = _____ sq. cm.
2) 9 sq. cm. =_____ sq. m.
3) 3.5 sq. m. = _____ sq. cm
4) 5.5 sq. m = _____ sq. cm
5) 9.5 sq. cm = _____ sq. m
6) 4 sq. cm = _____ sq. m

Perimeter and Area

DIRECTIONS: The figure below shows a rectangular garden measuring 100m by 60m. How many meters of barbwire will be needed to put a fence around the garden? What is the area of the garden?



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