



# Sumeya Primary No.2 School

## 2012 A.Y 2nd Semester Mathematics - Mid - Worksheet for Grade 7

Properly in your  
Attach this paper  
Exercise book after  
the teacher checked

Teacher's Name:- Idris Moh.

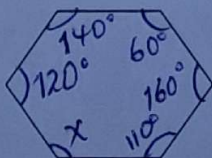
Name \_\_\_\_\_ Section \_\_\_\_\_ No \_\_\_\_\_ Month - Meyaziya

I If the statement is correct write "True". If not correct write "False" write your answer on the space provided.

- \_\_\_\_\_ 1. A polygon which is equiangular is called a regular polygon.
- \_\_\_\_\_ 2. Dodecagon is polygons which have 10 sides.
- \_\_\_\_\_ 3. The sum of interior angle of a hexagon is  $900^\circ$
- \_\_\_\_\_ 4. A parallelogram is a trapezium.

II Choose the correct answer from the given alternatives and write the letter on the space provided.

- \_\_\_\_\_ 5. An angle whose vertex is on the center and its sides are a radius of the circle is:-  
A. Central B. Inscribed C. Supplementary D. Complementary
- \_\_\_\_\_ 6. What is the area of a circle whose radius is 10cm?  
A.  $100\pi\text{cm}^2$  B.  $25\text{cm}^2$  C.  $20\text{cm}^2$  D.  $10\text{cm}^2$
- \_\_\_\_\_ 7. What is the number of triangle of Icosagon?  
A. 9 B. 17 C. 5 D. 7
- \_\_\_\_\_ 8. If the measure of each interior angle of a regular polygon is  $144^\circ$ , then which one is the correct polygon?  
A. Octagon B. Decagon C. Pentagon D. Heptagon
- \_\_\_\_\_ 9. The circumference of a circle is  $36\pi\text{cm}$ . Which one of the following is the area of the circle?  
A.  $144\pi\text{cm}^2$  B.  $360\pi\text{cm}^2$  C.  $225\text{cm}^2$  D.  $324\pi\text{cm}^2$
- \_\_\_\_\_ 10. The complementary angle of  $80^\circ$  is:-  
A.  $10^\circ$  B.  $100^\circ$  C.  $80^\circ$  D.  $40^\circ$
- \_\_\_\_\_ 11. What is the value of 'X' for the given figure below?

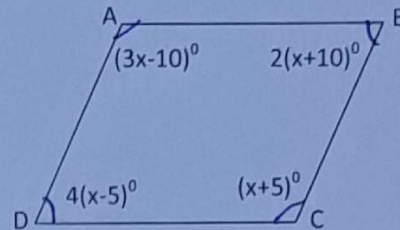
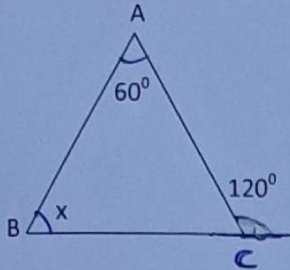


- A.  $120^\circ$  B.  $130^\circ$  C.  $140^\circ$  D.  $150^\circ$
- \_\_\_\_\_ 12. What is the sum of the measure of the interior angle of a honagon?  
A.  $1440^\circ$  B.  $1260^\circ$  C.  $1620^\circ$  D.  $1800^\circ$

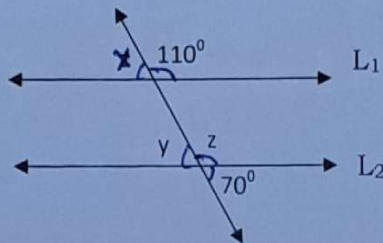
### III. Work out by showing all stapes.

13. Find the value of  $x$  for the given figure below.

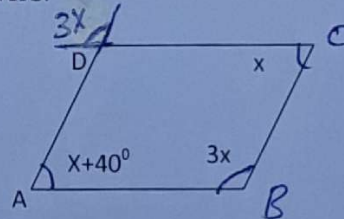
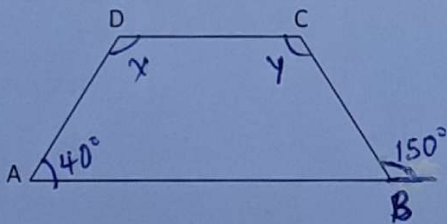
a.



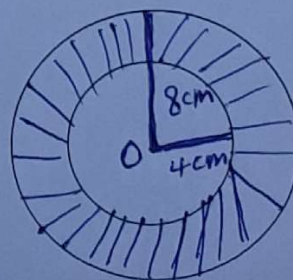
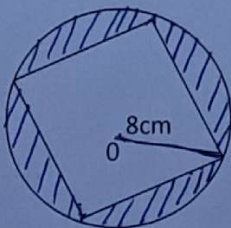
14. If  $L_1$  and  $L_2$  are parallel lines, then find the unknowns.



15. In the figure given below find the values of unknowns.



16. Find the areas of the shaded region.



17. If the sum of each interior angle of a polygon is 7200. Find the number of the sides of the polygon.
18. The measures angle of a hexagon are 40,  $5x$ ,  $6x$ ,  $7x$ ,  $8x$  and  $9x$ . find the size of the largest angle.

Parent's Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

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