

Name: _____ Student's No.: _____ Level/Class: P6/1**I. Multiple Choice. Choose the letter of your answer. (20 points)**1) _____ is a closed figure with **3 sides and 3 angles**.

- a. Rectangle b. Rhombus c. Square d. Triangle

2) _____ are 2-dimensional shapes with 4 sides and 4 angles.

- a. Circles b. Pentagons c. Quadrilaterals d. Triangles

3) Which of these triangles is **not** included in the **group according to sides**?

- a. Acute-angled b. Equilateral c. Isosceles d. Scalene

4) Which of these triangles is **not** included in the **group according to angles**?

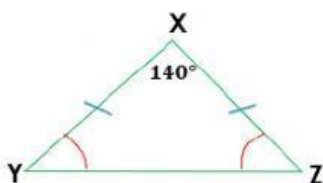
- a. Acute-angled b. Isosceles c. Obtuse-angled d. Right-angled

5) A right angle is equal to 90° , an obtuse angle is between 91° to 179° , and an acute angle is between _____.

- a. 0° and 89° b. 0° and 90° c. 0° and 360° d. 91° and 179°

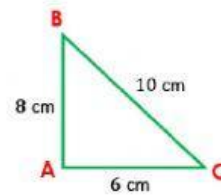
6) The **sum of the angles** in a triangle is equal to _____.

- a. 45° b. 120° c. 180° d. 360°

7) XYZ is an **isosceles triangle** Find the size of $\widehat{XYZ}$.

- a. 20° b. 25° c. 30° d. 50°

8) Look at the figure and find the **perimeter** of triangle ABC.

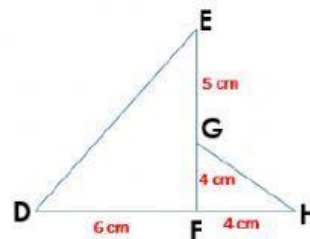


- a. 16 cm b. 20 cm c. 22 cm d. 24 cm

9) Which one is the **formula** in finding the **area of a triangle**?

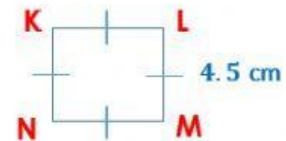
- a. $\frac{1}{4} \times \text{base} \times \text{height}$ b. $\frac{1}{3} \times \text{base} \times \text{height}$ c. $\frac{1}{2} \times \text{base} \times \text{height}$ d. $\text{base} \times \text{height}$

10) Look at the figure. Find the **total area** of triangles.



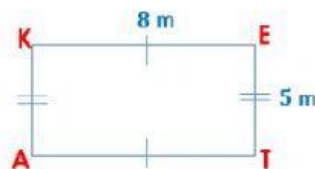
- a. 35 cm b. 35 cm² c. 40 cm d. 40 cm²

11) A square **KLMN** has a side of 4.5 cm each. Find its **perimeter**.



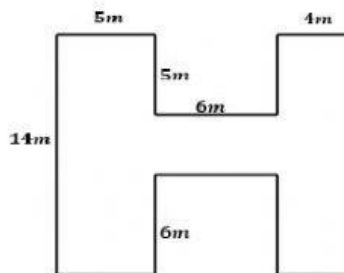
- a. 4.5 cm b. 18 cm c. 20 cm² d. 36 cm²

12) **KATE** is a rectangle with length 8 metres and width 5 metres. Find its **perimeter**.



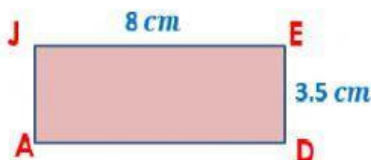
- a. 8 m b. 15 m² c. 26 m d. 26 m²

13) Find the **perimeter** of the given diagram.



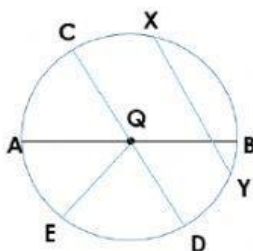
- a. 29 m b. 92 cm c. 92 m d. 102 m

14) Find the **area** of the rectangle JADE.



- a. 8 cm b. 10.5 cm² c. 28 cm d. 28 cm²

Items 15 – 18)



15) _____ is the **centre** of the circle.

- a. Point Q b. $\overline{AB}$ c. $\overline{QC}$ d. $\overline{XY}$

16) _____ is one of the **diameters** of the circle.

- a. Point A b. $\overline{CD}$ c. $\overline{QE}$ d. $\overline{CF}$

18) _____ is one of the **radius/radii** of the circle.

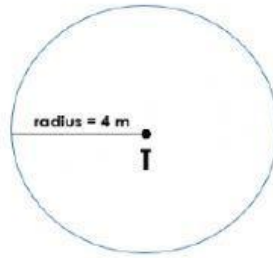
- a. $\overline{AB}$ b. $\overline{AD}$ c. $\overline{BD}$ d. $\overline{QB}$

17) _____ is the **chord** of the circle.

- a. Point A b. $\overline{AB}$ c. $\overline{QA}$ d. $\overline{XY}$

19) Find the **perimeter or circumference** of the circle. Use the formula ***Circumference*** = $2 \times \pi \times r$

Use $\pi = 3.14$



a. 25.12 m

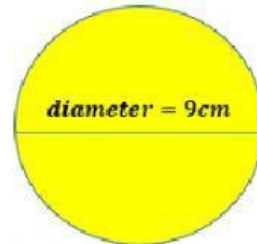
b. 25.15 m

c. 27.12 m

d. 52.12 m

20) Find the **area** of the circle. Use the formula ***Area*** = $\pi \times r^2$

Use $\pi = 3.14$



a. 8.5 cm^2

b. 11.5 cm^2

c. 28.24 cm^2

d. 28.26 cm^2