Name: _____ Student's No.: _____ Level/Class: <u>P6/1</u>

Topic: Quadrilaterals

I. Multiple Choice. Choose the letter of your answer.

1) _____ is a closed figure or **2-dimensional shape with 4 sides and 4 angles**.

a. Circle   **b.** Quadrilateral   **c.** Oval   **d.** Triangle

2) Which of the following is **not** a quadrilateral?

a. Circle   **b.** Kite   **c.** Rectangle   **d.** Square

3) _____ is a quadrilateral that has **2 pairs of parallel sides that are equal and four right angles**.

a. Kite   **b.** Rectangle   **c.** Rhombus   **d.** Trapezium

4) _____ is a quadrilateral that has **2 pairs of parallel sides and the does not have right angles**.

a. Kite   **b.** Parallelogram   **c.** Square   **d.** Trapezium

5) _____ is a quadrilateral that has **4 equal sides and 4 right angles.**

a. Parallelogram   **b.** Rectangle   **c.** Rhombus   **d.** Square

6) _____ is a quadrilateral that has **2 pairs of equal sides that are adjacent to each other.**

a. Kite   **b.** Rectangle   **c.** Rhombus   **d.** Trapezium

7) _____ is a quadrilateral that has **1 pair of parallel sides.**

a. Parallelogram   **b.** Rectangle   **c.** Square   **d.** Trapezium

8) A **square DEFG** has a side of 9 cm. Find its **perimeter**.

E   F
9 cm
D   G
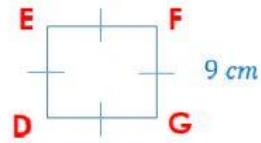
a. 9 cm **b.** 18 cm **c.** 36 cm **d.** 36 cm^2

9) **RSTU is a rectangle** with length 4 m and width 2 m. Find its **perimeter**.

4 m
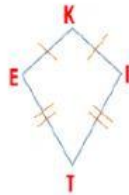R   U
2 m
S   T

a. 2 cm **b.** 4 cm **c.** 8 cm **d.** 12 cm

10) **KLMN is a parallelogram** with $\overline{KL}$ and $\overline{LM}$ are 8 centimetres and 6 centimetres respectively. Find its **perimeter**.
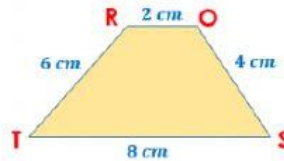
K   L
N   M

a. 14 cm **b.** 18 cm **c.** 28 cm **d.** 48 cm

11) **KITE is a kite** with $\overline{KI}$ and $\overline{IT}$ are 5 centimetres and 10 centimetres respectively. Find its **perimeter**.
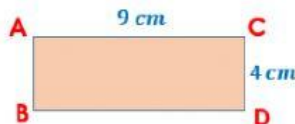
K
E   I
T

a. 15 cm **b.** 30 cm **c.** 50 cm **d.** 55 cm

12) Find the **perimeter of a trapezium ROST.**

R   2 cm   O
6 cm   4 cm
T   S
8 cm

a. 10 cm **b.** 14 cm **c.** 18 cm **d.** 20 cm

13) Find the **area of a rectangle**.

A   9 cm   C
4 cm
B   D

a. 13 cm **b.** 13 cm^2 **c.** 36 cm **d.** 36 cm^2

14) Find the **area of a square.**

$$J \quad \overset{15\ m}{\rule{2cm}{0pt}} \quad E$$
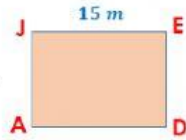
a. 30 m^2 b. 225 m^2 c. 255 m^2 d. 325 m^2

15) **MADE is a square** with $\overline{MD}$ and $\overline{AE}$ are 12 centimetres each. Find its **area.**
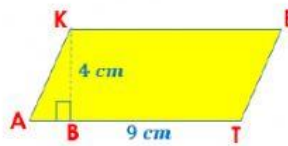
a. 12 cm b. 24 cm c. 72 cm^2 d. 144 cm^2
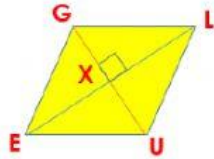
16) Find the **area of parallelogram KATE.**

4 cm
9 cm

a. 13 cm b. 13 cm^2 c. 36 cm d. 36 cm^2

17) **GLUE** is a **rhombus** with $\overline{GU}$ *is 6 centimetres* and $\overline{EL}$ *is 8 centimetres.* Find its **area.**
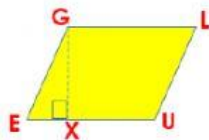
a. 14 cm^2 b. 24 cm^2 c. 48 cm^2 d. 50 cm^2

18) **GLUE** is a **rhombus** with $\overline{EU}$ *is 12 centimetres and* $\overline{GX}$ *is the height, which measure 8 centimetres.*
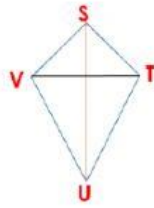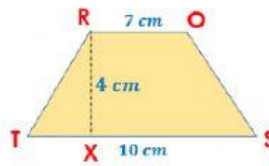Find its **area.**

a. 18 cm^2 b. 20 cm^2 c. 58 cm^2 d. 96 cm^2

19) **STUV** is a **kite** with $\overline{SU}$ is 9 centimetres and $\overline{VT}$ is 5 centimetres. Find its **area**.

a. $22.5\ cm^2$

b. $14\ cm^2$

c. $23.5\ cm^2$

d. $50\ cm^2$

20) **ROST is a trapezium** with $\overline{RO}$ and $\overline{TS}$ are 7 centimetres and 10 centimetres respectively. $\overline{RX}$ is the height, which measure 4 cm. Find its **area**.

a. $7\ cm^2$

b. $10\ cm^2$

c. $34\ cm^2$

d. $68\ cm^2$