MATHEMATICS - Worksheet

Chapter 5 UNDERSTANDING ELEMENTRY SHAPES

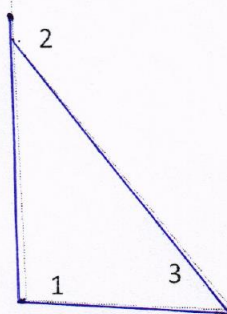**(1 mark)**

1. A triangular pyramid is also known as -------------

2 . What is the measure of (a) a right angle   (b) a straight angle

3 . ------------- is a regular polygon

4 . Name the type of the triangle: ΔPQR such that PQ = QR =PR = 4cm

5. What shape is : (a) a road roller   (b) an instrument box

6 . A line segment that joins two points on the circle is ---------

7. A polygon having 6 sides is called-------------

(2 marks)

8. (a) Where will the hand of a clock stop if it starts at 10 and makes $\frac{1}{2}$ of a revolution clockwise?

 (b) Where will the hand of a clock stop if it starts at 4 and makes $\frac{3}{4}$ of a revolution anticlockwise?

9 . What fraction of a clock wise revolution does the hour hand of a clock turn through when it goes
    from 7 to 10 ? Also find the number of right angles turned in this case?

10. Square is a parallelogram. Give reason

11. ABCD is a parallelogram. (a) Name two pairs of equal sides (b) Name two pairs of adjacent sides

(3 marks)

12. What kind of angle is formed by the hands of a clock when it indicates (a) 9 o' clock (b) 3 o' clock
    (c) 12 o' clock

13. In the following figure a ladder is resting against a wall. Classify <1 ,< 2 and < 3

14. Match the following objects with their shapes

(a) A joker's cap   (1) cylinder

(b) A dice   (2) prism

(c) A new pencil   (3) Cone

(d) A kaleidoscope   (4) Cube

15 . Draw a simple closed curve and mark its regions.