

Atomic Energy Central School -2, Mumbai

Periodic Test -1 (July 2024)

Subject :MATHS **Marks : 40** **Marks Obtained : _____**

Student's Name : _____

Class / Sec : 5 _____ **Roll No.:** _____ **Date of Examination : _____**

Invigilator's Sign : _____ **Examiner's Sign : _____**

Q. (I) TICK (✓) THE CORRECT ANSWER AND FILL IN THE BLANKS
(1 x 5= 5marks)

- 1) _____ lakhs make one million.
(A) 10 (B) 100 (C) 1000

- 2) The angles are measured in _____
(A) cm (B) degrees (C) km/hr

- 3) A boat travels a distance of 200 km in 2 ½ hours. Its speed is _____ km/hr.
(A) 100 (B) 80 (C) 500

- 4) An angle of measure _____ degrees will be an acute angle.
(A) 45 (B) 120 (C) 90

- 5) Length of the boundary of a figure is called its _____.
(A) area (B) volume (C) perimeter

Q. (II) FILL IN THE BLANKS.

(1 x 5= 5marks)

- 1) Area is measured in _____ units.
- 2) One hundred lakh is equal to one _____.
- 3) The two hands of the clock make a /an_____ angle at 3 o' clock.
- 4) If 1kg of sardines cost Rs.50 , the cost of $\frac{1}{2}$ kg sardines will be _____.
- 5) _____ are the shapes which are strong and do not change easily when pressed.

Q. (III) SOLVE THE FOLLOWING.

(2x5= 10 marks)

1) When fresh fish is dried, it becomes $\frac{1}{3}$ of its weight. If we want 15 kg dried fish, how many kilograms of fresh fish is needed?

2) Speed of a motorboat is 20km/hour. How far can the boat go in five and half hours?

3) Sunita draws a right angle. She divides it into 2 equal parts. What is the measure of each part? What kind of angle is each part?

4) Sameer took a loan of 24000 rupees to buy a laptop. He paid back a total of 30000 rupees in one year. How much did he pay back every month?

5) A cement tank costs Rs.2,975. Raman wants to buy 4 cement tanks. He has Rs. 13,000 with him. What amount will he be left with?

Q. (IV) DO AS DIRECTED.

(2x7= 14 marks)

1) Draw an angle of measure 120 degrees and label it.

2) Write the given numbers in words (Indian place value system).

i) 14,12,030

ii) 2,03,80,713

3) Write the given numbers in figures.

i) Seventy one lakh six thousand nine hundred seventy

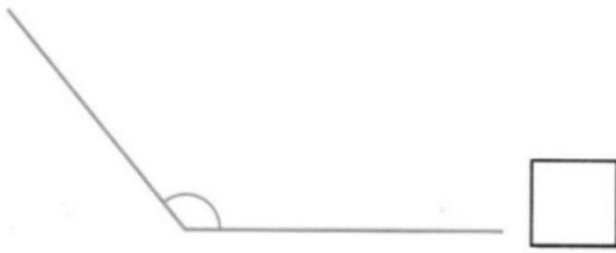
two_____

ii) Two crore seven lakh fifty four thousand thirty two

4) A cyclist travels at a speed of 18 km/hour. How long will he take to cover a distance of 54 km ?

5) Measure the following angles:

(a)

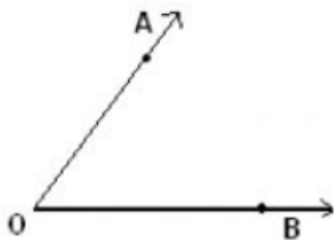


(b)

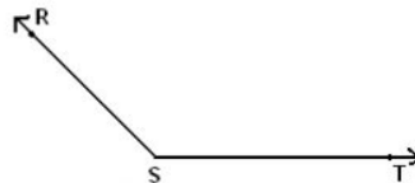


6) Draw an angle of 30° and name it.

7) Name the vertex and sides of the given angles.



Vertex _____
Side _____



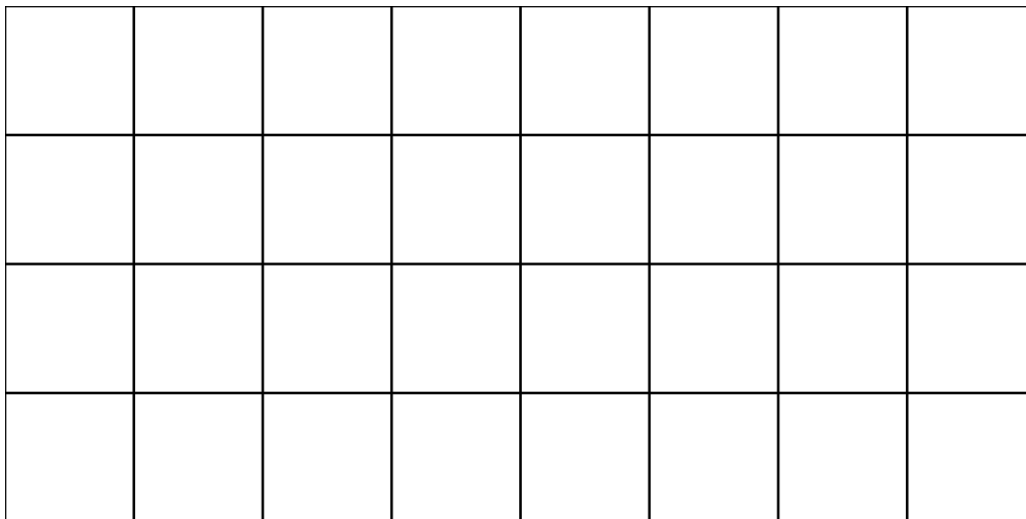
Vertex _____
Side _____

Q.(5) SOLVE.

(3x2=6 marks)

1) Floramma sells king fish at 120 rupees per kg. Karuthamma sells prawns at 250 rupees per kg. Floramma sells 12 kg king fish and Karuthamma sells 15 kg prawns. What is the difference of their earnings?

2) The length and breadth of the following rectangle is 8 cm and 4 cm respectively. Draw 2 straight lines in the rectangle to divide it into one rectangle and two equal triangles.



- i) The area of the given rectangle is _____.
- ii) The area of new rectangle formed is _____.
- iii) The area of each triangle formed is _____.

