**KENDRIYA VIDYALAYA SANGATHAN, ZIET, MYSORE**

SUMMATIVE ASSESSMENT – 1

Class: V Sec: \_\_\_\_\_ Sub: Mathematics Time: 90 mins

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Competencies | Concept | | Ability to  Compute | Problem Solving Ability |
| Knowledge | Understanding |
| Value points |  |  |  |  |
| Grades |  |  |  |  |

Signature of the Invigilator Signature of the Examiner

SECTION – I

I. Fill in the Blanks:

1. Write the numeral:

Two crore sixty four thousand four hundred nine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 1 crore = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. An angle whose measure is exactly 90° is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angle.
3. Length of the boundary of a figure is called its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Write the fraction for the shaded portion in the given figure.

Ans: ­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**II. Answer the following:**

1. Write the smallest and greatest 5- digit numbers using the digits 3, 9, 8, 4, 6

Smallest: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Greatest: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Name the points which are interior of the angle and exterior of the angle D

Interior points: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ C

Exterior points: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A P

3. Write any two equivalent fractions for the following: E Q

= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B R

= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ F

4. Write what kind of angles are made by the hands at these times

Time: 7:25 Time: 9:10

Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. What should come next?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

a.

b.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

SECTION – II

1. Answer the following:
2. Measure the following angles

a. b.

Angle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Angle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Fill in the blanks:

25 paise is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ part of a rupee.

1. Which among the following pictures will look the same half a turn?
2. 2. 3. 4.

4. Arrange the numbers in ascending order using the symbol “ < ” .

a) 6172 7162 6712 7612

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. The picture shows one-fifth of the petals of a flower. Complete the flower by drawing the other petals.

II. Answer the following:

1. Identify the angles as right angle/ less than a right angle/ more than a right angle.

100° = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

90° = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

60° = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

135° = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Complete the factor tree of 18.

X

X

18

3. Draw the hands of the clock when they make an angle which is more than right angle. Also write the time.

1. b.

Angle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Angle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

III. Draw the angles for the following measures:

a) 110° b) 90°

SECTION- III

1. Answer the following :
2. Subtract:

6 8 5 3 2

- 2 7 7 9 8

1. The first common multiple of 5 and 10 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Draw any thing of your choice around the angle shown. Also write what kind of angle it is

Ans:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

II. 4. This is one of the sides of shape. Complete the shape so that its area is 4 sq. cm.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

5. Shade of the triangles drawn here. Also find the number of triangles in it.

Ans:\_\_\_\_\_\_\_\_\_\_\_

6. Find the Area and Perimeter of the following figure: 7cm

Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Perimeter :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4cm 4cm

7cm

7. Write all the factors of 24.

III. 8. Find the lowest common multiple of 3, 4 and 6.

SECTION – IV

I. Answer the following:

1. Give half a turn to the numbers from 0 to 9. Find which of them still looks the same?

2. Gracy took a loan of Rs. 4000 to buy a net. She paid back Rs. 345 every month for one year. How much money did she pay back to the Bank?

3. Write the rule for following pattern:

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

Rule :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

II.4. Write any two 2 and 3 digit numbers that look the same after half a turn.

2- digit numbers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3- digit numbers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.The speed of a boat is km per hour. How much time does it take to go a distance of 32km?

6. Bala had 12 sweets. She gave of them to her friend. How many sweets did she give away?

7. Draw what the following shapes would look like on turn and half a turn.

|  |  |  |
| --- | --- | --- |
| Shapes | On turn | On half a turn |
|  |  |  |
|  |  |  |

III.8.Observe the price list and find the cost of the following and complete the bill.

PRICE LIST

|  |  |
| --- | --- |
| Item | Price in Rs.  ( in Kg) |
| Tomato | 12 |
| Potato | 10 |
| Onion | 16 |

BILL

|  |  |  |
| --- | --- | --- |
| Item | Quantity  In kg | Amount  In Rs. |
| Tomato | 2 ½ |  |
| Potato | 3 ½ |  |
| Onion | 1 ¼ |  |
|  | Total |  |

a)2 ½ Kg of Tomato

b) 3½ Kg of Potato

c)1 ¼ Kg of Onion