KENDRIYA VIDYALYA NO. 2 PORTBLAIR

SUMMER HOLIDAY HOME WORK

CLASS : VI

SUBJECT : MATHEMATICS

(Session : 2023-24)

1. Prepare a mathematical doll by drawing or by cutting shapes and sticking.(Use of mathematical shapes). Explain about the shapes used in the doll.

2. Learn-write-recall tables upto 20.

3. Solve the following questions

   (i) 323 X 22   (ii) 3564 X 100   (iii) 999 X 111

   (iv) 144 ÷ 12   (v) 15625 ÷ 25   (vi) 930 ÷ 15

   (vii) 99999 + 00001   (viii) 34765 + 56487   (ix) 8746788 + 7674782

   (x) 100000 ─ 1   (xi) 8997564 – 3567436   (xii) 8000000 ─ 1010101

4. CHOOSE THE CORRECT ANSWER

i) The total length of the boundary of a shape / figure is called _____ (area / perimeter)

ii) _____(cm / sq cm) is a unit used to express / measure the perimeter of a shape.

iii) ___ is the distance around the shape and ___ is the region inside the shape.(Perimeter, area / volume , perimeter)

iv) The perimeter of a circle is called the _____ of a circle. (radius, circumference)

v) The formula to find the perimeter of a square is _____ (4 x S / S X S) units.

vi)) The formula to find the perimeter of a rectangle is _____ (2 x (l + b) / (l x b)

vii) The formula to find the area of square is _____ (4 x S / S X S) sq. units

viii) The formula to find the area of a rectangle is _____ (2 x (l + b) / (l x b) sq. units

5. SOLVE

a) A school has a rectangular flower garden that is 12 meters long and 5 meters wide. One bag of fertilizer can cover 5 square meters. How many bags will the school need to cover the entire garden ?

b) Abdul wants to stitch lace for his curtain that measures 12m (length) and 7m (breadth) . How many metres of the lace would be required ?

6. Convert the following:

i) 2 m = _____ cm   5436 m = _____ km   3 kg = _____ g 2.5   l = _____ml

ii). Add following: a) 68 km 20 m and 23 km 21 m   b) 245 grams and 4.5 kg

iii). Subtract: a) 750 grams from 8 kg   b) 238 liters from 6 kl

7. Write the following amount of money in figures:

(i) Ten rupees and thirty seven paise   (ii) Twenty five rupees and four paise

(iii) Eighty five paise   (iv) One rupee and seventy five paise

8. Solve the following:

i)   1 hr = _____ minutes   1 min = _____ seconds

     1 hr = _____ seconds   1 day = _____ hours 1   1year = _____ days.

ii) Convert into minutes.   a) 4 hrs   b) 7 hrs 15 min

iii) Convert into seconds.   a) 15 min   b) 9 min 40 sec

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