KENDRIYA VIDYALAYA, IIM LUCKNOW

PERIODIC TEST -2 (2019-20)

CLASS-V	SUBJECT: - MATHS	TIME: - 01:30 Hrs	M.M.: - 40

Name: - ....

Class and sec:............   Date: - ....

Roll No.: - ....

Invigilator's Sign: - ....

COMPETENCIES	Concept of Knowledge 10	Concept of Understanding 10	Ability to Compute 10	Problem Solving Ability 10	TOTAL 40
Marks					

Examiner's Sign…

KNOWLEDGE (10)

VSA: Tick (√) the correct answer.   **1X6=6**
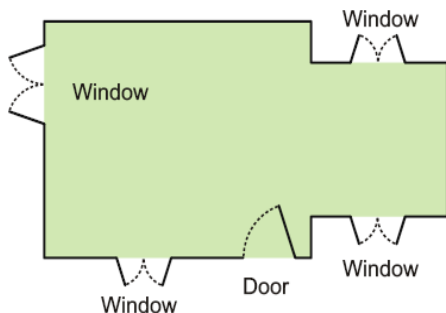
1. An **open cube** has ___.   (A) 5faces   (B) 6faces   (C) 7 faces

2. A cuboid has _____.   (A) 8 corners   (B) 13corners   (C) 5corners

3. If **1 hundred is divided into 100 equal parts** then **each part** is called -

 (A) 100hundred   (B) 1 hundredth   (C) 1 thousand

4. **Side of a square** = (A) area X side   (B) Perimeter ÷ 4   (C) Perimeter + 4

5. **four – tenths** =   (A)   0.4   (B) 40.0   (C) 0.00004

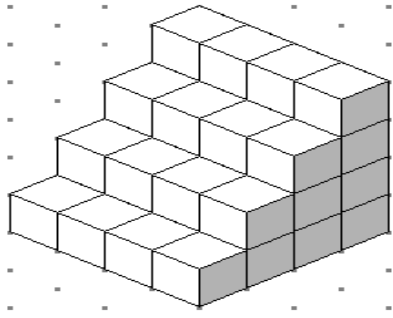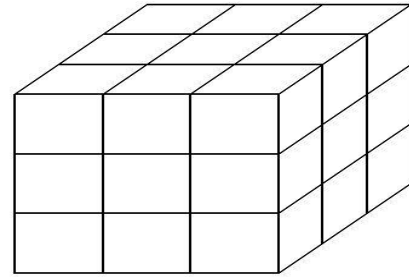6.   Unit of the area-   (A) Square cm   (B) Cube cm   (C) km

SA.   2X2=4

(i)Draw a deep drawing for the following floor map.

(ii)Find the volume (cube cm) of the following shapes by counting the total number of 1 cm cubes.

_____ cube cm   _____cube cm

UNDERSTANDING (10)

VSA.   Tick (√) the correct answer.   **1X2=2**
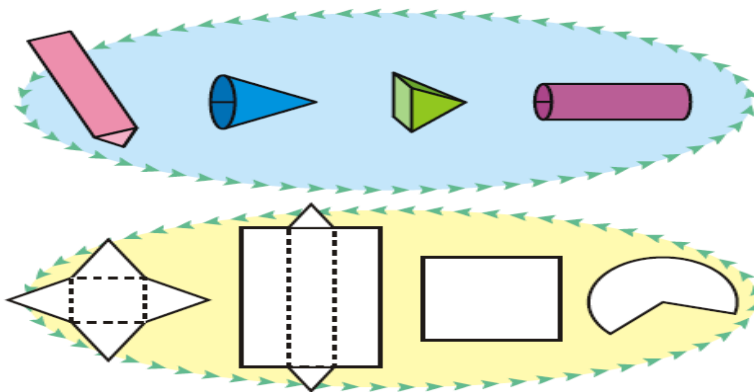
(i)**Value of a USA dollar is---**
(A) more than a Indian rupee   (B) less than a Indian rupee (C) equal to a Indian rupee

(ii) **Area of the chair seat will be written as-** (A) Square cm (B) Square m (C) Square km

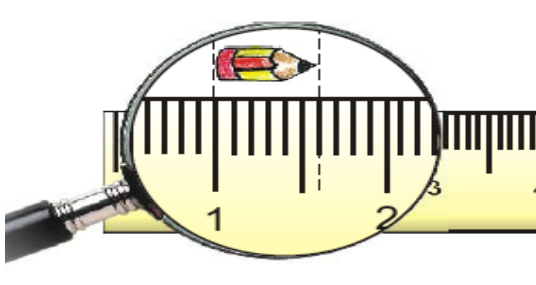SA.   2x2 =4
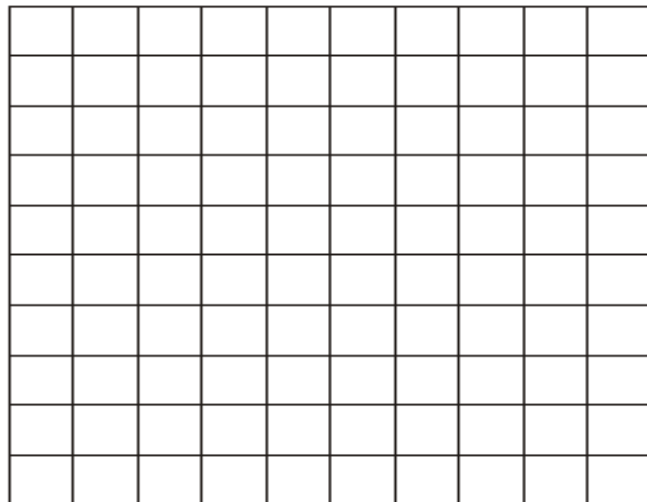
(i)Match the shape on the left   with a box into which it will fold.

(ii) A- Observe the picture and find out the length of pencil given below.

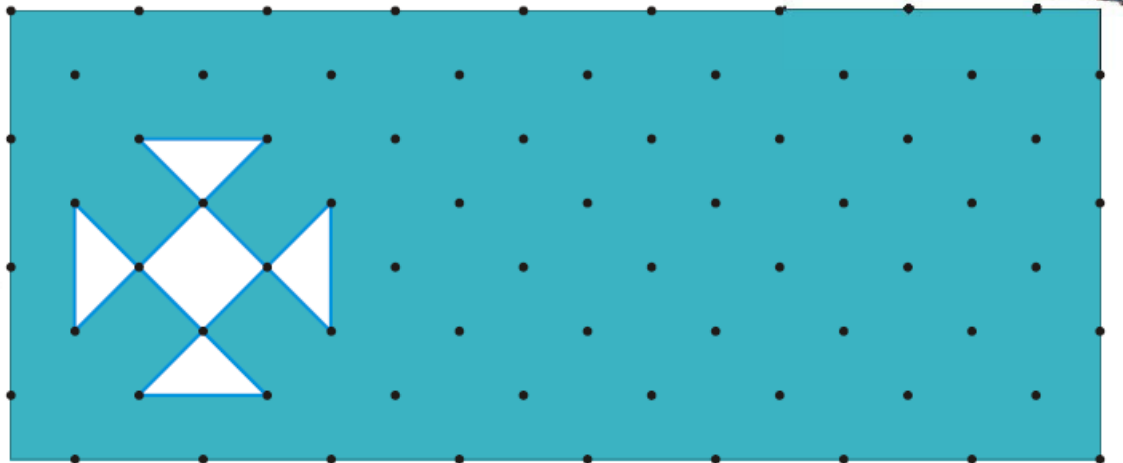Length of this pencil=_____mm

Length of this pencil = _____cm

(b) Make a nice design by **colouring 0.38 part** of this square.

LA.   1X4=4

Observe the design given below and answer the following. If ◣ is half of the cm square. (◣ = $\frac{1}{2}$ square cm)

(i)No of triangles in the design (given) = _____triangles
(ii) Area of design (given)   =_____square cm.
(iii) Draw your own design of area 6 square cm.
(iv) Count the **number of triangles** used in design of **area 6 square cm.**_____triangles
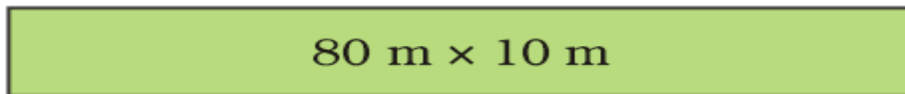
ABILITY TO COMPUTE (10)

VSA.   1X2=2

Change into decimal   **(a)** $\frac{9}{10}$ =_____   **(b)** $\frac{5}{100}$ = _____

SA. Solve the following question.   2X2=4

(i)**The boundary of a square** garden is **80 m** in length. How long is **one side** of the garden? **Solve it.**

(ii) Find out the **area and perimeter of the rectangle** given below. Solve it.

80 m × 10 m

Area -   Perimeter-
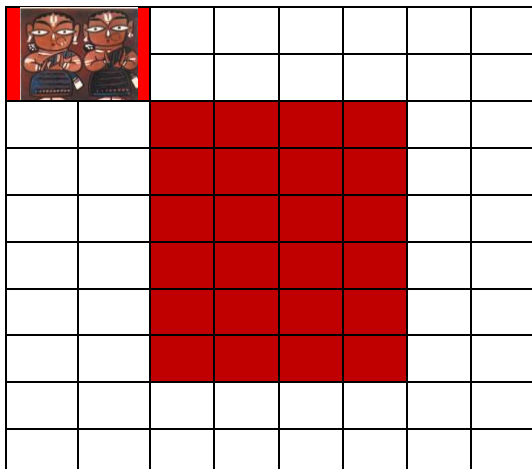
LA.   **1X4=4**

Observe the picture given below and solve the following questions if **a stamp** has an area of **4 square cm**. (Let length of each side of the **small square =1 cm**).

Q.i.**Area** of big rectangle=_____square cm

Q.ii.**How many stamps will** cover this big rectangle? _____stamps. (Draw all the stamps)

Q.iii. How many **stamps** can be placed on the **shaded part** of this rectangle? _____stamps

Q.iv.**Perimeter of a stamp** =_____ cm

PROBLEM SOLVING ABILITY (10)

VSA.   Tick (√) the correct answer.   **1X2=2**

(i) If Perimeter = **40 metre** then **each side** of the square will be-

(A) 10km   (B) 10 metre   (C) 40 square cm

(ii) **Rupee** $\dfrac{5}{100}$ =   (A) 500 paise   (B) 5 paise   (C) 50paise

SA. Solve the following questions.   2X2=4

(i)The cost of a movie ticket is **Rs.40.25**.Find the **cost of 5 tickets**. Solve it.

(ii)One day Shahrukh travelled **20.250km** on foot, **17.500km** by bus and **12.250km** by cycle. Find the total distance he covered on that day. Solve it.

LA. Solve the following questions based on the table given below. 1X4=4

Country	Money	Changed into Indian Rupees
Korea	Won	0.04
Sri Lanka	Rupee (SL)	0.37
Nepal	Rupee	0.63
Hong Kong	Dollar (HK)	5.10
South Africa	Rand	5.18

Q.i.**Name the country** whose currency will cost the most Indian rupees._____

Q.ii. **2 Dollar(HK)** =_____Indian rupees

Q.iii. Name the **currency of Korea**._____

Q.iv.Convert 100 won into Indian rupees.