

KENDRIYA VIDYALAYA, IIM LUCKNOW

HALF YEARLY EXAM- 2019-20

CLASS-V

TIME: - 02:30 Hrs

SUBJECT: - MATHS

M.M.: - 80

Name: - Date: -

Section: - Invigilator's Sign: -

Roll No.: -

GRADE-SHEET

COMPETENCIES	Concept of Knowledge 20	Concept of Understanding 20	Ability to Compute 20	Problem Solving Ability 20	TOTAL 80
Marks					

Examiner's Sign: -

NAME: _____

CLASS & SEC. _____

KNOWLEDGE (20)

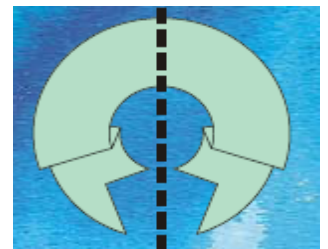
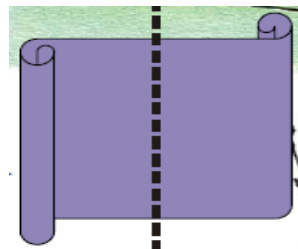
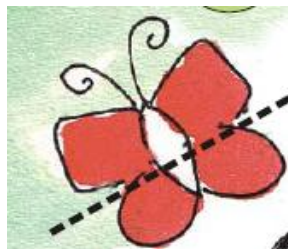
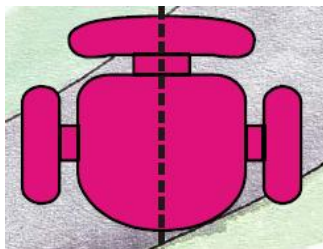
VSA: Tick (✓) the correct answer.

1X8=8

1. A **octagon** has sides - (A) 3 sides (B) 8 sides (C) 6 sides
2. The **5-digits biggest number** is (A) 9000 (B) 99999 (C) 10999
3. **Area of a SQUARE** = (A) Length + breadth (B) side X side (C) 2(l+b)
4. Tick the **IMPROPER FRACTION**- (A) $\frac{3}{8}$ (B) $\frac{19}{5}$ (C) $\frac{5}{9}$
5. Which is **Palindrome word**? (A) LOTUS (B) PULL UP (C) STATE
6. Which is **Palindrome number**? (A) 10231 (B) 759 (C) 3663
7. **Straight angle** is measured (A) 120° (B) 75° (C) 180°
8. Ratio between length and breadth of **our national flag** is (A) $\frac{1}{6}$ (B) $\frac{2}{5}$ (C) $\frac{3}{2}$
9. Short form of **70000 + 6000 + 500 + 40** = _____
10. Put the correct sign (> < =) 856409 805649

SA. 4X2=8

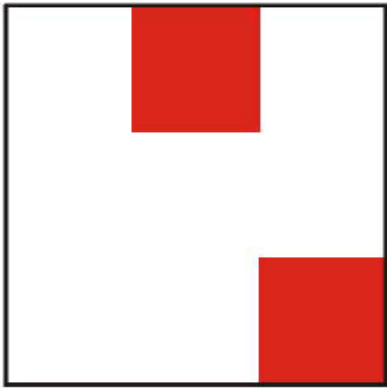
1. Tick the picture which is divided into **two mirror halves** by the dotted line? Tick(✓)



2. Which among the following pictures will **look the same on half($\frac{1}{2}$) a turn**? Tick(✓)

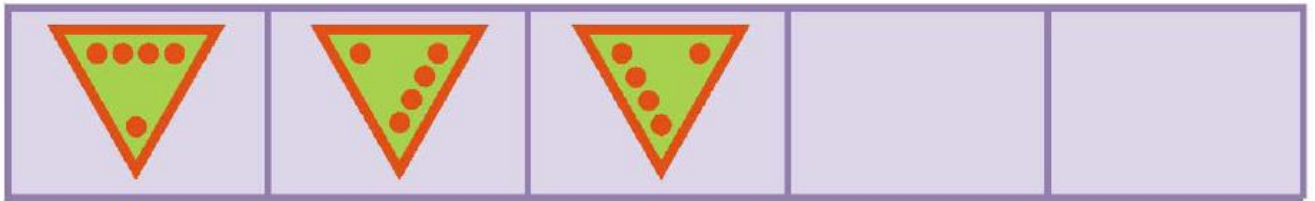


3. Look at the figure to divide into equal parts and write fraction for the shaded part.

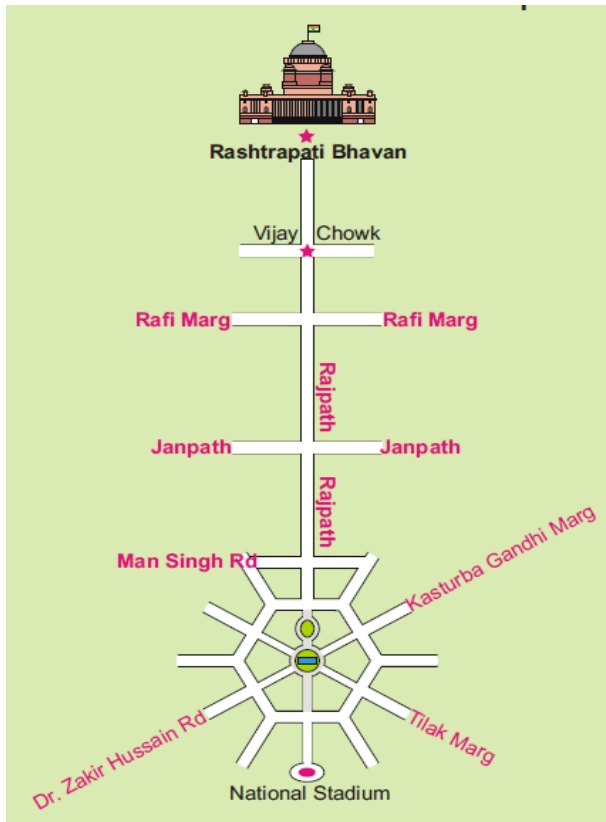


Fraction for the shaded part =

4. Complete the patterns given below.



5. Look the map given below and solve the problems.



Q.1. Name the **Chowk** which is nearest to the Rashtrapati Bhawan?

A. _____

Q.2. Name the **angle** made by Rajpath and Janpath.

A. _____

Q.3. Name the **first Marg** that you will cross on your way from **Vijay Chowk to India Gate**?

A. _____

Q.4. Colour the **hexagonal shape** looking in the map.

UNDERSTANDING.(20)

VSA: Tick (✓) the correct answer. $6 \times 1 = 6$

1. Equivalent fraction of $\frac{2}{7}$ is (A) $\frac{3}{4}$ (B) $\frac{5}{9}$ (C) $\frac{4}{14}$

2. Which word will look the same after a half turn?

(A) ZOOM (B) NOQN (C) SWIMS

3. Which word will look the same after a half turn?

(A) 9005 (B) 7007 (C) 8008

4. 2 million = (A) 2 Billion (B) 2 Lakh (C) 20 Lakh

5. The smallest factor of every number is (A) 2 (B) 9 (C) 1

6. Which is a proper fraction? (A) $\frac{5}{9}$ (B) $5\frac{1}{3}$ (C) $\frac{11}{5}$




SA.

$5 \times 2 = 10$

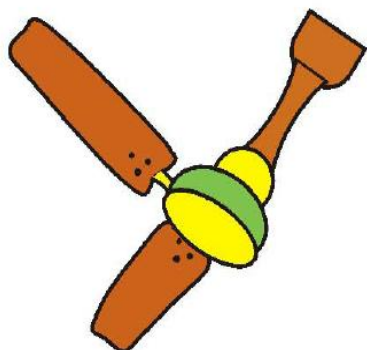
1. Fill in the blanks.

 + + =  +  + 

2.

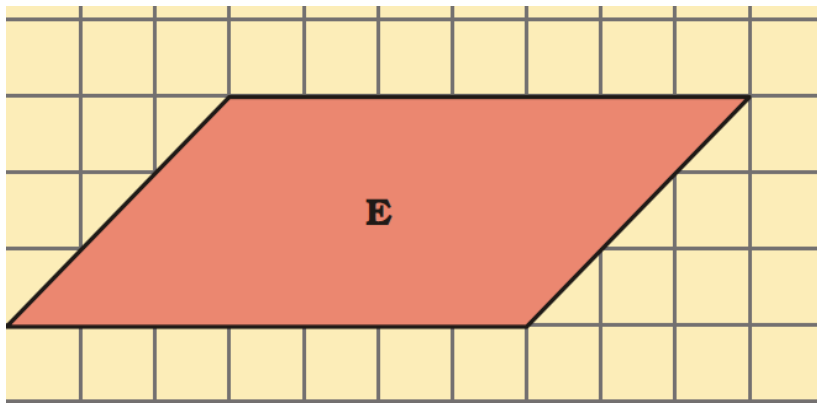
3. Half of a blades of a fan are shown here .Complete the picture by drawing the other half.



Q.How many more blades have you drawn?

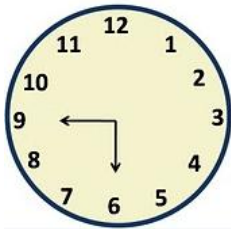
A. _____ blades

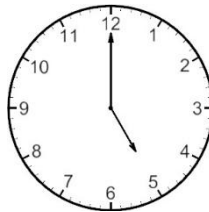
4. Find the **area** of the shapes given below.



Area of shape E = _____

5. Look at the watch given and **write the angle** formed between two hands.





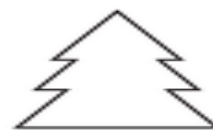
LA.

$1 \times 4 = 4$

Draw a line of symmetry on each shape.

SYMMETRY

Draw a line of symmetry on each shape.



ABILITY TO COMPUTE(20)

VSA. $6 \times 1 = 6$

1. Five lakh sixty thousand seventy eight = (A) 560078 (B) 5678 (C) 50678

2. Add. $\frac{5}{17} + \frac{7}{17} =$ (A) $\frac{12}{17}$ (B) $\frac{2}{17}$ (C) $\frac{57}{34}$

3. Form the biggest number using 6,8,7,5 and 0. Biggest number = _____

4. The smallest number using 2,4,0 and 6 - (A) 6402 (B) 2046 (C) 2640

5. A factor of 32 is - (A) 302 (B) 8 (C) 9

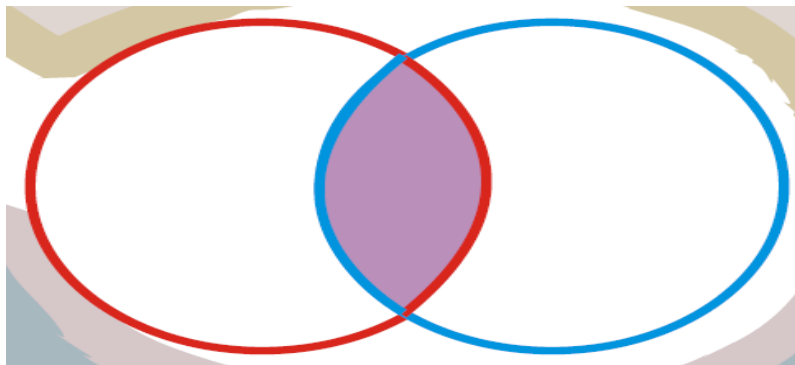
6. Multiple of 3 is (A) 2 (B) 4 (C) 9

SA. $5 \times 2 = 10$

1. Find the common multiple of 3 and 6.

multiples of 3

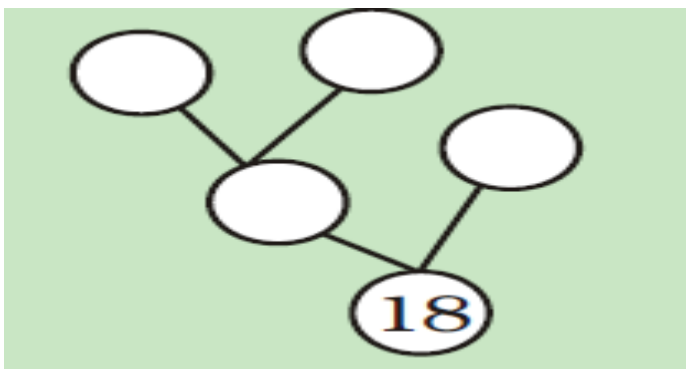
multiples of 6



Common multiples of 3 and 6

=

2. Make factor tree of 18.



$18 = \underline{\quad} \times \underline{\quad} \times \underline{\quad}$

3. Find the HCF of 5 and 10. Solve it.

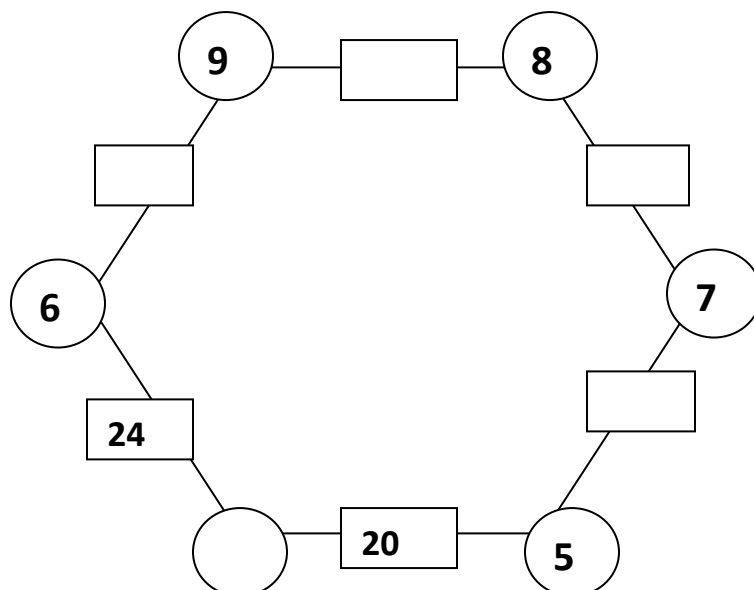
4. Pooja had Rs. **600**. She spent $\frac{1}{6}$ of it on notebooks. How much money did she spend on notebooks? Solve it.

5. Mohan took a loan of Rs. **25000** from a bank. He paid back Rs. **27550** to the bank. How much **interest** did he pay to the bank? Solve it.

LA.

$$1 \times 4 = 4$$

Rule: Get the number in each box by multiplying the numbers in the circles next to it. Solve it.



PROBLEM SOLVING ABILITY(20)

VSA Tick (✓) the correct answer. $6 \times 1 = 6$

1. All multiples of 2 are (A) Odd numbers (B) Even numbers
2. Place value of 5 in 6509 = (A) 50 (B) 100 (C) 500
3. The 3rd multiple of 9 = (A) 12 (B) 27 (C) 93
4. The number which has 5 as a factor. (A) 28 (B) 35 (C) 49
5. Put the correct sign ($>$ $<$ $=$) $\frac{7}{15}$ $\frac{5}{15}$
6. If 1 cm on the map = 20 km on the ground then
5 cm on the map = _____ km on the ground

SA : $5 \times 2 = 10$

1. Complete magic squares using all the numbers from 21 to 29.
Rule. The total of each line is 75.

	21	26
	25	
24		22





2. Cost of a shirt is Rs.425, one pant costs Rs. 455 and cost of a book is Rs. 120. Find the total cost of all three items together? Solve it.

3. Look at the numbers given below and **complete the pattern.**

10	X	2	+	4	=	24
10	X	3	+	4	=	34
	X	4	+	4	=	
10	X		+		=	54

4. Find the LCM of 4 and 6. Solve it.

5. Draw what the following shapes would look like on $\frac{1}{2}$ (half) a turn. Colour also.

	Shap	$\frac{1}{2}$ turn
a)		
b)		
c)		
d)		

LA. 1X4=4

FRESH FRUIT AND VEGETABLES SHOP	
RATE LIST	
FRUITS & VEG	PRICE PER kg
POTATOES	Rs. 20
APPLES	Rs. 100
ONIONS	Rs. 30
TOMATOES	Rs. 40
MANGOES	Rs. 60

Look at the rate list and solve the following questions given below.

1. How much money will you pay for **5 kg of potatoes**? Solve it.

2. How much does $\frac{1}{2}$ **kg of apple** cost? Solve it.

3. Find the cost of **2 kg of mangoes** and **2 kg of tomatoes** together.

4. How much does **2 kg of onions** cost?
