KENDRIYA VIDYALAYA VIJAYAPURA

MODEL QUESTION PAPER-2

SUBJECT – MATHS

NAME:_____ **ROLL NO.:_____**

CLASS: V SEC:_____ **DATE:_____**

INVIGILATOR'S SIGN:_____ **EXAMINER SIGN:_____**

Competencies	KN(16 M)	UBC(16 M)	AC(24 M)	PSA(24 M)	OVERALL(80)
Marks					

KNOWLEDGE

Q.1 Fill in the blanks- **VSA (6X1=6)**

(a) Fractions with different denominator are called _____ fractions.

(b) 6th multiple of 9 is _____.

(c) In 468613 ; 8 is in the _____ place and 6 is in the _____ place.

(d) Complete the pattern- 1 3 6 10 15 ____

(e) Area is measured in _____ units.

(f) An object/shape is _____ when you can't divide it into equal halves.(symmetrical/non-symmetrical)

Q.2 Do the sums- **SA (5X2=10)**

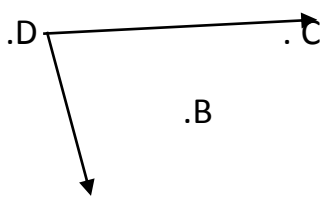
(a) write ascending and descending order for the following.

65430 ,63182 ,36458 ,84361

A.O. - _____

D.O. - _____

(b) In the given figure, name the points:



i) In the interior of the angle _____

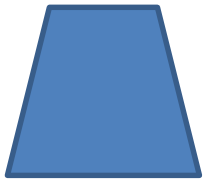
ii) In the exterior of the angle _____

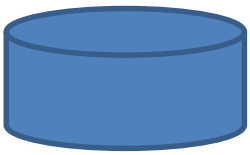
(c) Identify the type of the following fractions:

i) 7/6 , 9/5 _____

ii) 3/8 , 6/11 _____

(d) Draw vertical line of symmetry in the following figure:

i) 

ii) 

(e) What should come next?

i)  _____

ii)  _____

UNDERSTANDING BASIC CONCEPTS

VSA (6X1)

Q.1 Fill in the blanks.

(a) Perimeter of rectangle = ___ X (_____ + _____)

(b) _____ is the division of one whole number by another whole number.

(c) Angle in ¼ turn is _____.

(d) The numbers which are not divisible by 2 are called _____ numbers.

(e) _____ is a visual representation of an area which shows locations and routes in that area.

(f) Complete the pattern.

3A 6C 9E 12G _____

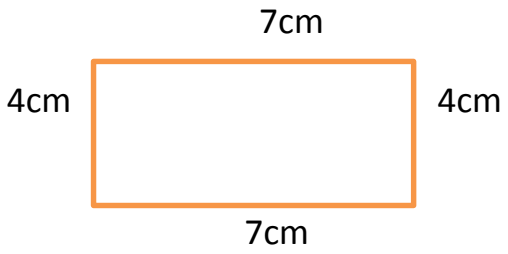
SA(5X2)

Q.2 Do the sums:

(a) The speed of a boat is 16 km per hour. How much time does it take to go a distance of 32km?

Ans.

(b) . Find the Perimeter of the following figure:



Perimeter :_____

(c) Draw the angles for the following measures:

a) 110°

b) 90°

(d) Fill in the blanks using equivalent fraction:

i) 7/9 = 21/____ ii) 36/54 = ____ /9

(e) If you are facing towards WEST, then which direction will be

(i) At your back_____

(ii) towards your right_____

Q.5 Draw what the following shape would like on full turn and half turn.

Shape	After full turn	After half turn
		

ABILITY TO COMPUTE

Q.1 Fill in the blanks **VSA (6x1=6)**

(a) Roads which connect the different locations are called_____.

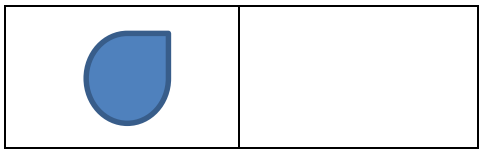
(b) An angle whose measure is 180 degree, is called a _____ angle.

(c) Boundary tell us about_____(area/perimeter)

(d) 2 , 4 , 8 , 16 , 32 , _____

(e) Write any one common multiple of 5 and 10. _____

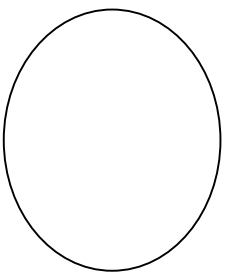
(f) Draw after half turn or ½ turn.



SA(7X2)

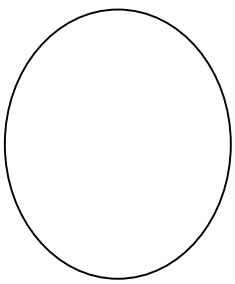
Q.2 Solve the following sums:

(a) Write what kind of angles are made by the hands at these times



Time: 7:25

Angle: _____



Time: 9:10

Angle: _____

(b) To make 1 L mixed fruit juice, Mona requires:

APPLE – 2KG ORANGE – 2KG

SUGAR – 1KG PINEAPPLE – 1KG

i) How much apples are required for making 5L of juice?

Ans._____kg

ii) How much pineapples are required for making 10 L of juice?

Ans._____kg

(c) Draw the factor tree for the number 150 and 36.

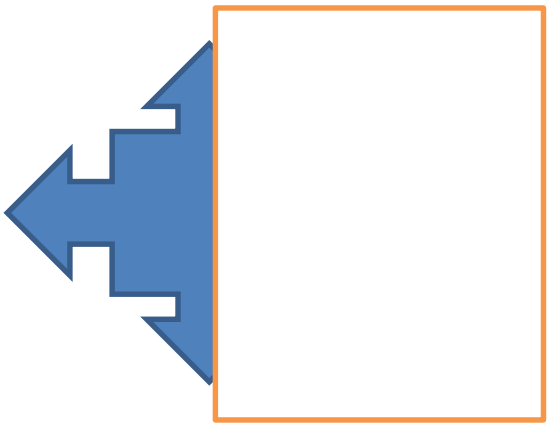
(d) Convert into improper fraction:

i) 5 ½ = _____

ii) 2 ¼ = _____

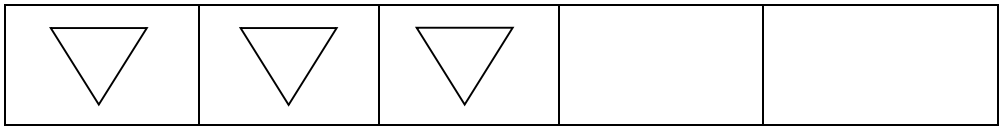
(e) Complete the following mirror half.

i)

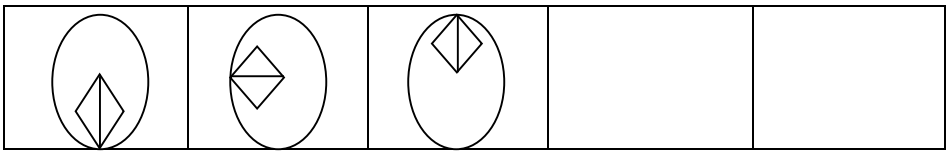


(f) What should come next?

a.



b.



(g) Write any two states of India which are located at the

i) West part of India _____ _____

ii) South part of India _____ _____

LA(1X4=4)

Q.3 Find LCM and HCF both for the numbers 6 and 8.

Ans. LCM - HCF –

PROBLEM SOLVING ABILITY

VSA (6X1=6)

Q.1 fill in the blanks:

(a) 754321 = 700000 + 50000 + _____ + 300 + 20 + 1.

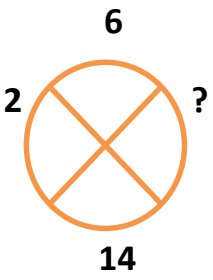
(b) Sun sets in the _____ direction.

(c) A part of line with two end point is called a _____.

(d) _____ is the only even prime number.

(e) A fraction that has 1 as numerator is called _____ fraction.

(f) Find the missing number-



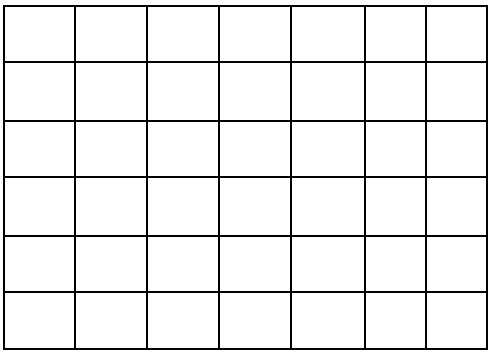
SA (7X2=14)

Q.2 All questions are compulsory:

(a) Encircle the prime numbers with red colour.

1	2	3	4	5	6	7	8	9	10

(b) Draw two shapes using 6 boxes in the given grid.



(c) Arrange the numbers in ascending order using the symbol " < " .

a) 6172 7162 6712 7612

Answer _____

(d) Identify the angles as right angle/ less than a right angle/ more than a right angle.

100° = _____

90° = _____

60° = _____

135° = _____

(e) Look at this pattern of numbers and take it forward.

i) 7 X 7 + 6 = 55

77 X 7 + 6 = 545

777 X 7 + 6 = 5445

7777 X 7 + 6 = _____

ii) 6 X 6 - 3 = 33

66 X 6 - 3 = 393

666 X 6 - 3 = 3993

6666 X 6 - 3 = _____

(f) Facing north , Suman walks 50m then she turns right and walks 20m then again she turns right and walks 50m. In which direction is she facing now and how much distance she has to travel to go back to the starting point?

Ans. Direction _____

Distance _____km

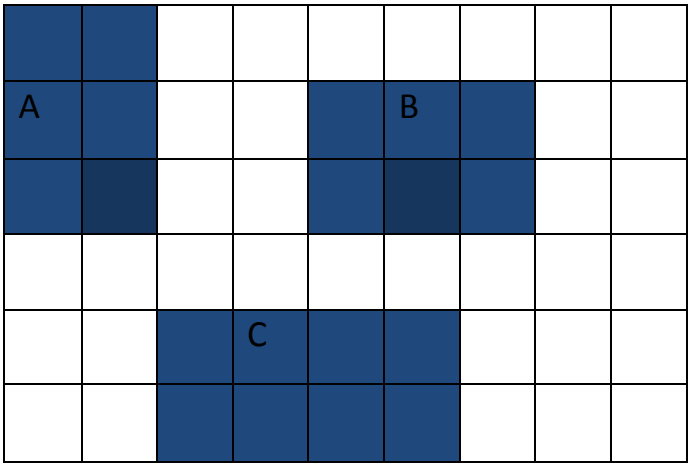
(g) Check whether the given fractions are equivalent or not(using cross multiplication method)

i) 3/8 and 15/27

ii) 5/9 and 25/45

LA (1X4=4)

Q.3 Look at the figure and answer the following:



a) Which figure has the biggest area? _____
b) Which two figures have the same area? _____
c) Perimeter of figure A = _____ units.
d) Area of figure C = _____ square units.