

MATHEMATICS – CLASS IV

Time: 2 Hrs

Name: _____

Marks: _____

Orals: ____/10

Roll No: _____

Written: ____/50

Section: _____

Total: ____/60

Instructions:

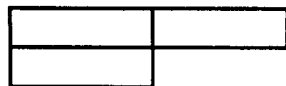
1. Read the questions carefully.
2. Part A to be done in the question paper.
3. Part B and Part C should be done in the answer sheet.

PART A

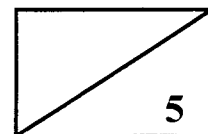
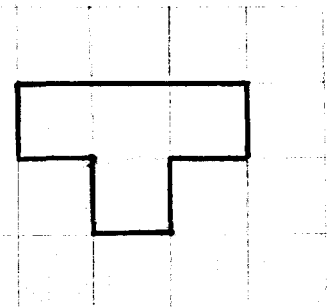
I. FILL IN THE BLANKS:

$\frac{1}{2} \times 10 = 5$

- 1) Fractions with numerator greater than the denominator are called _____.
- 2) _____ is a quadrilateral in which each angle measures 90° .
- 3) The amount of surface a figure or a shape covers is _____.
- 4) If radius of a circle is 59 cm, the diameter is _____.
- 5) Fractions that have different _____ are called unlike fractions.
- 6) There are _____ rectangles in the figure given below.



- 7) A _____ is a line segment which divides the circle into two equal halves.
- 8) Perimeter of the given figure is _____.
- 9) _____ + $\frac{7}{12} = \frac{11}{12}$
- 10) The mixed fraction of $\frac{75}{8}$ is _____.



II. WRITE TRUE OR FALSE:

$\frac{1}{2} \times 8 = 4$

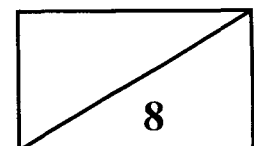
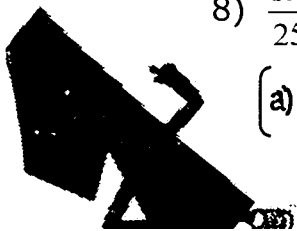
- 1) A rectangle cannot be a square. _____
- 2) An angle measuring 360° is a straight angle. _____
- 3) Line segment is a part of a line. _____
- 4) $\frac{2}{3}$ is equivalent to $\frac{12}{18}$. _____
- 5) Radius of a circle is quarter the diameter. _____
- 6) $\frac{11}{20}, \frac{9}{20}, \frac{5}{20}, \frac{2}{20}$ are not in descending order. _____
- 7) Area of a rectangle is sum of its length and breadth. _____
- 8) $\frac{17}{18}, \frac{9}{11}$ are proper fractions. _____



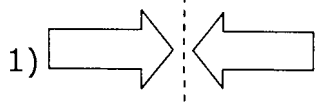
III. CHOOSE THE CORRECT ANSWER:

$\frac{1}{2} \times 8 = 4$

- 1) Fractions that name the same part are called _____.
(a) Proper fractions b) Equivalent fractions c) Mixed fraction)
- 2) Area of a square of side 20 m is _____.
(a) 40 sq m b) 80 sq m c) 400 sq m)
- 3) The position of two hands on the clock showing 6'O clock forms _____.
(a) Straight angle b) Right angle c) Obtuse angle)
- 4) $\frac{11}{20}$ $2\frac{1}{10}$
(a) > b) = c) <)
- 5) _____ is the length of a circle.
(a) Area b) circumference c) angle)
- 6) Perimeter of a rectangle is _____.
(a) $l+b$ b) $2+(l+b)$ c) $2x(l+b)$)
- 7) _____ has one end point.
(a) Ray b) Line segment c) Line)
- 8) $\frac{19}{25} - \square = \frac{7}{25}$
(a) $\frac{10}{25}$ b) $\frac{12}{25}$ c) $\frac{9}{25}$)



IV. MATCH THE FOLLOWING:



2) 196°

3) $\frac{27}{4}$

4) Protractor

5) $\frac{1}{6}$ of 54

6) Right angle

7) Triangle

8) $\frac{3}{5}$

$6\frac{3}{4}$

9

Polygon

90°

$\frac{9}{15}$

Reflection

Angle

Reflex angle

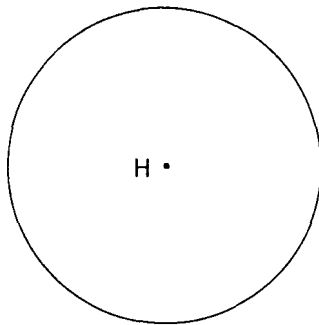
$\frac{1}{2} \times 8 = 4$



V. DO AS DIRECTED:

1) a) Draw, name and write the measurement of the following:

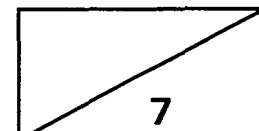
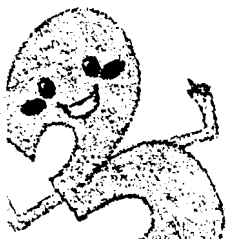
$1\frac{1}{2} \times 2 = 3$



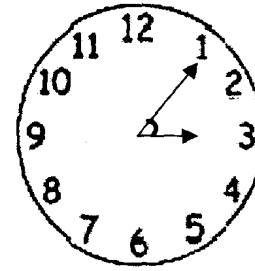
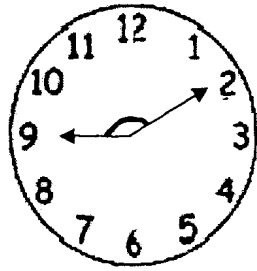
Diameter: _____ cm	_____
Radius: _____ cm	_____
Centre: H	

b) Tick the Simple Closed Curves that are Polygons.

i)	ii)	iii)	iv)
v)	vi)	vii)	viii)
ix)	x)	xi)	xii)
xiii)	xiv)	xv)	xvi)



2) a) Write the type of angle shown by the hands of the clock. [1x2=2]





b) Write the improper fraction and mixed fraction of the shaded part:



Improper Fraction

Mixed Fraction

=

PART B

(To be done in the answer sheet)

VI. ANSWER ANY 10 QUESTIONS:

2 x 10 = 20

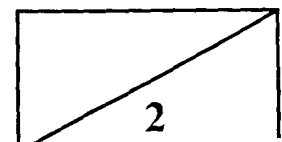


- 1) Write the next 4 equivalent fractions of $\frac{4}{9}$
- 2) Construct and name a line segment of length 8.5 cm
- 3) Find the area of a rectangle whose length and breadth are 23 cm and 16 cm respectively.
- 4) Subtract $\frac{11}{14}$ from $2\frac{3}{14}$
- 5) Find the perimeter of an equilateral triangle whose side is 49 m.

6) Find the missing numeral.

a) $\frac{3}{7} = \frac{24}{?}$

b) $\frac{?}{36} = \frac{5}{6}$

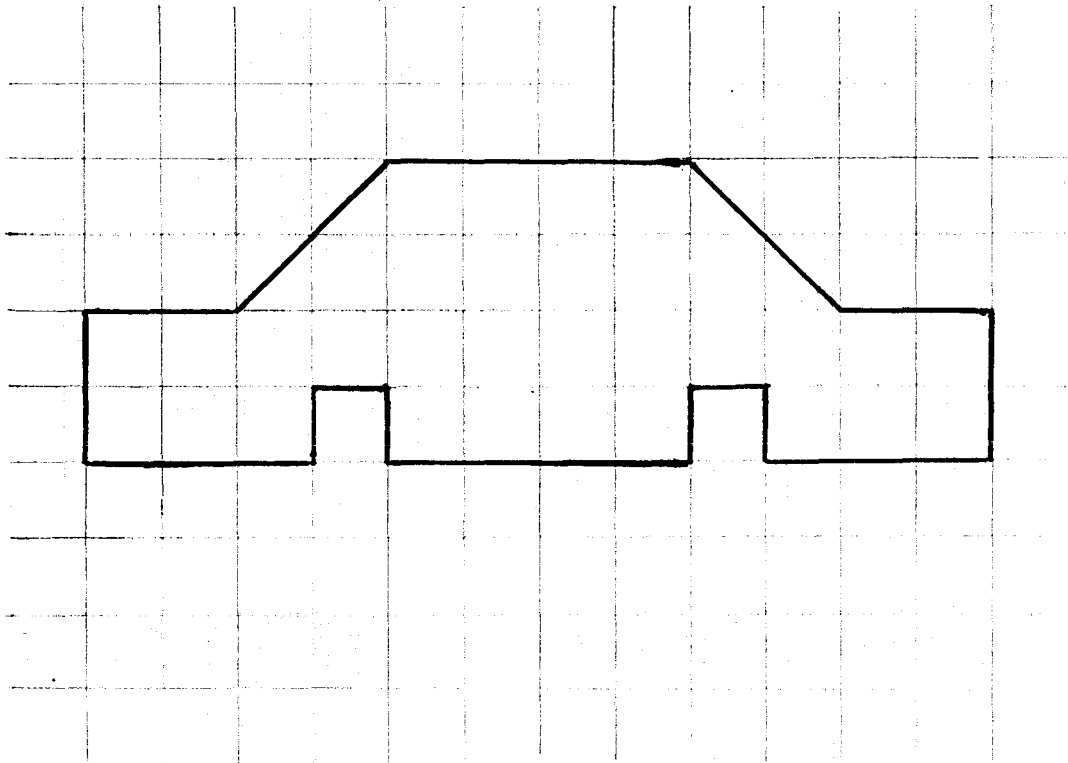
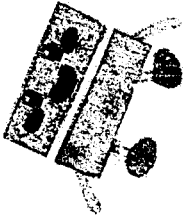


7) Add $2\frac{4}{12} + 3\frac{5}{12} + \frac{9}{12}$

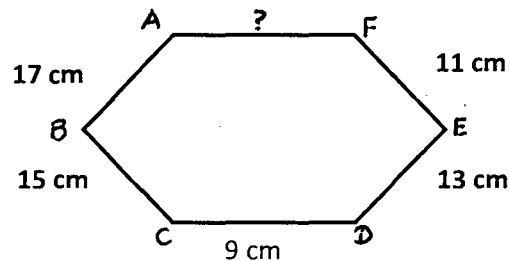
8) Find the radius of a circle whose diameter is 396 cm.

9) Write the ascending order of $2\frac{3}{11}, \frac{9}{11}, 1\frac{4}{11}, \frac{17}{11}$.

10) Find the area of the figure.



11) Find the missing length of the following figure whose perimeter is 80 cm.



VII. Construct and name an angle of 125°

$$2\frac{1}{2} \times 1 = 2\frac{1}{2}$$

PART C

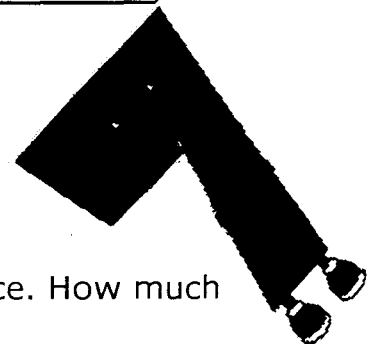
VIII. ANSWER THE FOLLOWING:

1) Find $\frac{4}{5}$ of a year (in days) [Note: Not leap year]

(OR)

Nitin bought $2\frac{3}{9}$ Kg of salt, $3\frac{5}{9}$ Kg of sugar and $\frac{7}{9}$ Kg of rice. How much weight does Nitin carry Home?

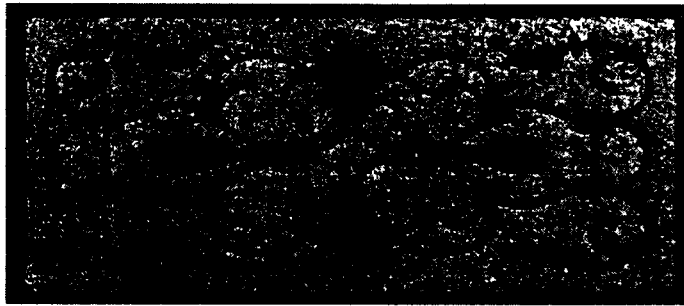
$$2\frac{1}{2} \times 1 = 2\frac{1}{2}$$



2) In a group of 294 students who went to the field trip, $\frac{4}{7}$ were girls. How many were girls?

(OR)

How much lace does Mrs. Sam need to edge a mat? How much she needs for edging 3 mats?



56 cm

14 cm

$$3 \times 14 = 42$$

