ITL PUBLIC SCHOOL
PRE MIDTERM EXAMINATION (2025-26)

DATE: **MATHEMATICS (Answer Key)** **Class: V sec:__**

NAME: **Roll No:**

SECTION – A

1 **a)** 66 is an _____ number

i) even ii) odd iii) unique iv) prime

b) $\frac{3}{4}$ represents _____

i) a whole **ii) 3 parts of a whole** iii) 4 parts of a whole iv) 5 parts of a whole

c) An angle is formed by _____rays

i) 0 ii) 1 **iii) 2** iv) 3

d) _____ is the smallest odd prime number.

i) 0 ii) 1 iii) 2 **iv) 3**

e) $6\frac{2}{5}$ can be written as _____

i) $\mathbf{\frac{32}{5}}$ ii) $\frac{30}{5}$ iii) $\frac{25}{5}$ iv) $\frac{23}{5}$

f) There is no fraction whose denominator is _____

i) 1 **ii) 0** iii) 5 iv) 10

g) The next equivalent fraction of $\frac{4}{9}$ is_____

i) $\frac{4}{9}$ ii) $\frac{9}{4}$ **iii)** $\mathbf{\frac{8}{18}}$ iv) $\frac{12}{27}$

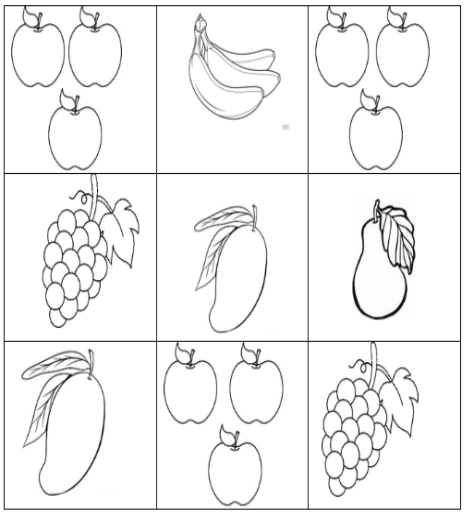
h) What angle will be formed between south and south west?

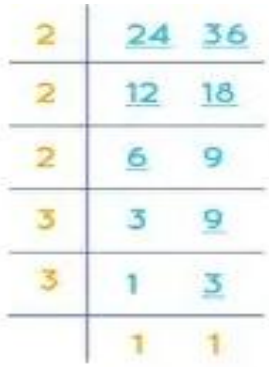
i) straight ii) obtuse iii) right **iv) acute**

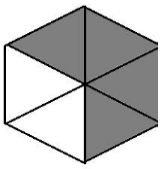
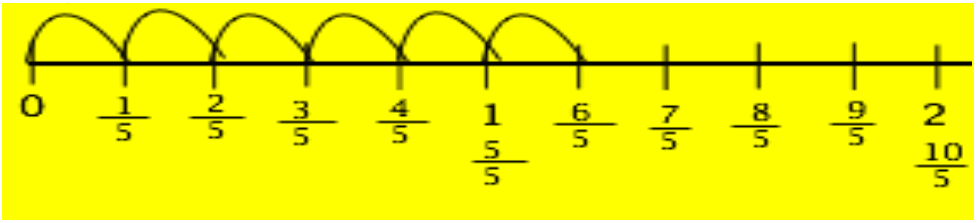
i) An angle measuring 95° will be _____ angle

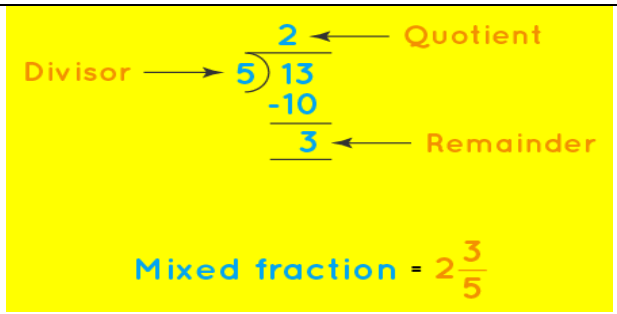
i) obtuse ii) right iii) acute iv) straight

j) Number ending with both 0 and 5 are divisible by _____

	i) 2 **ii) 5** iii) 7 iv) 10 **k)** Instrument used to measure angle is called _____ i) thermometer ii) ruler **iii) protractor** iv) flute **l)** A number having more than two factors are called _____ number i) odd ii) even iii) prime **iv) composite**
2	**Case Based Question:** Yogita loves to eat fruits and stay healthy. One day she decided to divided her field into 9 equal parts and grew different fruits on it. **Look at her garden and answer the questions:**  **a)** What part of fraction of the field does she grow bananas? **Ans)** $\frac{1}{9}$ **b)** On what part of the field does she grow grapes? **Ans)** $\frac{2}{9}$ **c)** Which fruit occupies the biggest part of his field? **Ans) Apples** **d)** Which two fruits occupies the same fraction of the field? **Ans) Mango and Grapes or Banana and pear**
3	Fill in the blanks: a) A half rotation forms a straight angle. b) A quarter turn forms a right angle. c) Less than a quarter turn is called an acute angle. d) More than a quarter turn but less than a half turn is an obtuse angle. e) Two quarter turns together make a straight angle. f) Four quarter turns together make a full turn. g) The minute hand of a clock makes a full turn in 60 minutes. h) The minute hand makes a half turn in 30 minutes.
	SECTION – B
4	**a)** Fill in the blanks **i)** 1 crore = **10** millions **ii)** 1 lakh = **100**thousands

	L TTH TH H T O **b)** Short form of 5,00,000 + 40,000 + 2000 + 100 + 5 = **5 4 2 1 0 5**
5	**a)** Compare using symbol > or < **i)** $\frac{2}{5}$ **≥** $\frac{2}{7}$ **ii)** $\frac{6}{11}$ **≤** $\frac{10}{11}$ **b)** What fraction of letters in the word GEOMETRY are vowel? **Ans)** $\frac{3}{8}$
6	**a)** Find the LCM of 24 and 36  LCM - 2 × 2 × 2 × 3 × 3 LCM - 72 **b)** Check whether 912 is divisible by 3. (Show working) **Ans) Sum of the digits = 9 + 1 + 2 = 12** **As 12 is divided by 3 so, 912 is also divided by 3**
7	**a)** Fill in the blanks **a)** Right turn = **1** quarter turns **b)** Half turn = **straight** angle **c)** Full turn = **4 quarter** turns **d) Obtuse** angle measure between 90º to 180º
8	Multiply 356 by 24 **2 2** **3 5 6** **X 2 4** **1 4 2 4** **+ 7 1 2 x** **8 5 4 4** **Product = 8544**

	SECTION – C
9	**a)** Find the sum of the place value and face value of 4 in the numeral 78,**4**6,103 **Place value of 4 = 40000** **Face value of 4 = x 4** **Sum = 40004** **b)** Form the greatest and smallest 6 digit number using the digits 7, 1, 0, 6, 8, 9 **Smallest = 1,06,789 ; Greatest = 9,87,610**
10	**a)** Divide 8648 by 8 **b)** Fill in the blanks using properties of multiplication and division **i)** 1450 ÷ 1 = **1450** **ii)** 999 x 1 = **999** **iii)** 505 ÷ 505 = **1** **iv)** 78 x 12 = **12** x 78
11	**a)** What part of fraction is shaded in the figure representing **i) = $\frac{1}{3}$** **ii) = $\frac{4}{6}$**   **b)** Represent $\frac{3}{5}$ and $\frac{6}{5}$ on a number line.  0 $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ 1 $\frac{5}{5}$ $\frac{6}{5}$ $\frac{7}{5}$ $\frac{8}{5}$ $\frac{9}{5}$ 2 $\frac{10}{5}$ **OR** **a)** Identify the types of fractions for the following **i) $\frac{3}{8}$ = proper fraction ii) $\frac{12}{5}$ = improper fraction iii) $5\frac{4}{9}$ = mixed fraction** **b)** Convert $\frac{13}{5}$ into mixed fraction

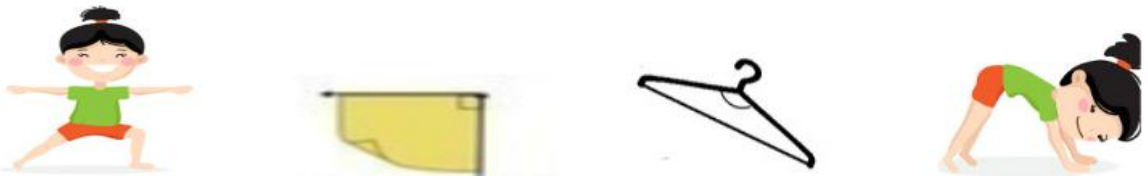


c) Check whether $\frac{12}{6}$ and $\frac{4}{2}$ are equivalent fraction

12 x 2 ; 6 x 4
24 = 24
Yes, they are equivalent fraction

12 Identify the type of angle formed in the following figures

a) b) c) d)



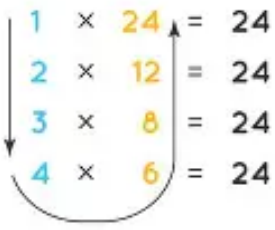
a) = Straight angle

b) = Right angle

c) = Obtuse angle

d) = Acute angle

13 **a)** Find all the factors of 24



Ans) Factors of 24 are 1, 2, 3, 4, 6, 8, 12, 24

b) Identify the number divisible by 2

i) 345 **ii) 468** **iii) 900** iv) 127

c) List all the composite numbers between 1 to 10

Ans) Composite numbers between 1 to 10 are 4, 6, 8, 9