

PVG's
Muktangan English School & Jr. College, Pune - 9
Formative Written Test - I (2024 - 25)
Standard - VI

Subject - Mathematics
Date - 8.8.2024

Marks - 20
Time -

Q.1 A) Fill in the blanks by selecting appropriate alternative and rewrite the statements. [2]

1. The set of all natural numbers together with zero is the set of _____ number.
 (natural, whole, positive)

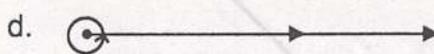
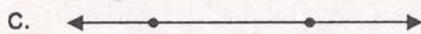
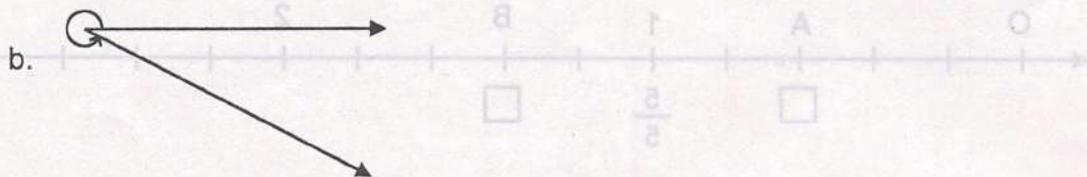
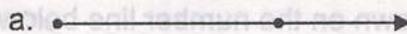
2. The measure of a straight angle is _____ .
 (90°, 360°, 180°)

B) State whether the following statements are True or False and rewrite the correct statements for false statement. [2]

1. More than one line can be drawn through any two distinct points.
2. The multiplicative inverse of $\frac{6}{9}$ is $\frac{9}{6}$.

Q.2 Attempt any three of the following. [6]

1. Name the following.



2. Solve.

$$3\frac{5}{7} + 5\frac{1}{2}$$

3. Solve the following :

a) $-9 - (-4) =$

b) $(+7) + (3) =$

3. Draw an angle of measure 75° and name it.

Q. 3 Attempt any two of the following.

1) Write the proper signs $>$, $<$, $=$ in the given boxes.

a) -10 -5

b) -14 -14

c) $+8$ 0

2) Draw an angle of measures 120° and bisect it.

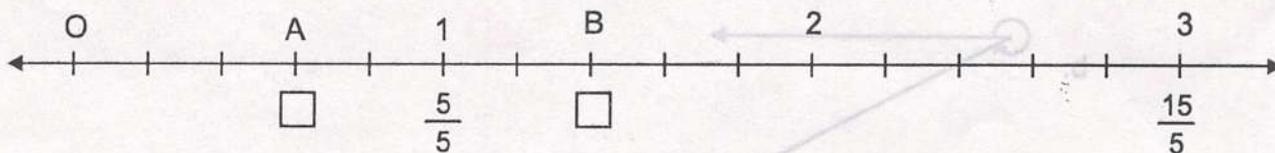
3) Aradhana grows potatoes in $\frac{2}{5}$ part of her garden, green peas in $\frac{1}{3}$ part and brinjals in remaining part. On how much of her plot she plant brinjal.

Q. 4 Attempt any one of the following.

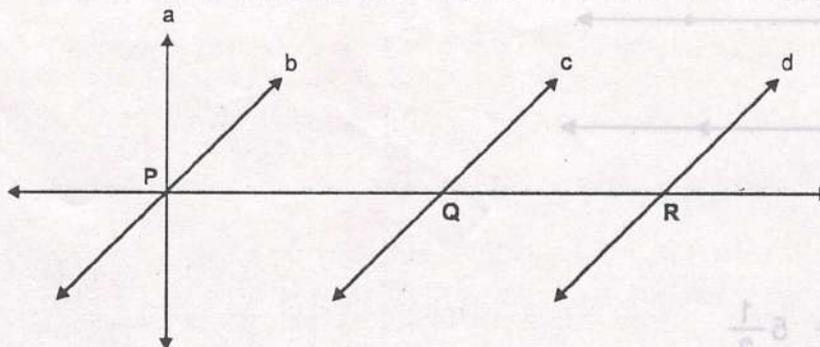
1) a) Multiply $\frac{7}{5} \times \frac{6}{9}$

b) Divide $\frac{3}{7} \div \frac{5}{11}$

2) a) What fraction do the points A and B shown on the number line below ?



b) Observe the figure given alongside and answer the following :-



i) Name the parallel lines.

ii) Name the collinear points.