

VENUS WORLD SCHOOLS

EXAMINATION 2021-22

Date :

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Class: 5th Subject: Maths Invigilator: Apatil

Checked by: Marks Obtained:

Q-1 A Fill in the boxes with $>$, $<$, $=$ sign

a- 17,97,854 $>$ 1,82,684

b- 7,19,445 $>$ 4,92,954

c- 56,66,872 $<$ 86,77,827

d- 95,64,456 $=$ 95,64,456

Q-1 B Who am I?

a. Diameter

b. Radius

Q. 2 Find the HCF of the Following using long division method

$$\begin{array}{r}
 1 \quad 60 \overline{) 84} \\
 \underline{60} \\
 24 \overline{) 60} \quad 2 \\
 \underline{48} \\
 22 \overline{) 24} \quad 1 \\
 \underline{22} \\
 02
 \end{array}$$

$$\begin{array}{r}
 2 \quad 90 \overline{) 110} \\
 \underline{90} \\
 20 \overline{) 90} \quad 4 \\
 \underline{80} \\
 10 \overline{) 20} \quad 2 \\
 \underline{20} \\
 0
 \end{array}$$

Q- 3 Divide the following.

Q. 130

$$\begin{array}{r} 15 \overline{) 22,450} \\ - 450 \\ \hline \end{array}$$

$$\begin{array}{r} 22,000 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 06 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 06 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 06 \\ \hline \end{array}$$

b. 4871669

$$\begin{array}{r} 17 \overline{) 94,475} \\ - 153 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ - 102 \\ \hline \end{array}$$

$$\begin{array}{r} 4,220 \\ - 102 \\ \hline \end{array}$$

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Q 4 Write the successor of the following

a- $24,65,102 = \underline{24,65,103}$

b- $91,41,198 = \underline{91,41,199}$

c- $3,21,607 = \underline{3,21,608}$

d- $18,15,568 = \underline{18,15,569}$

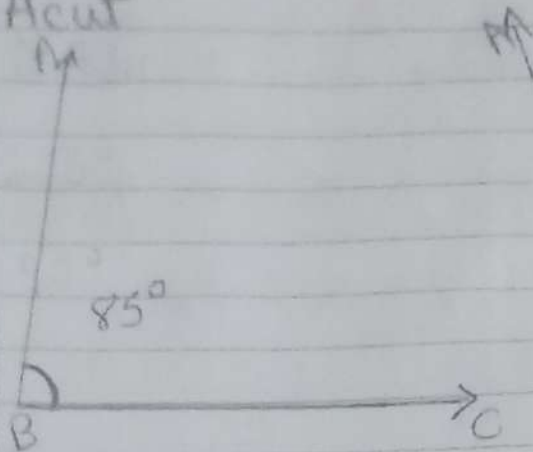
Q. 5 Find the product

$$a. \left(\frac{3}{9}\right) \times \left(\frac{1}{3}\right) = \frac{39 \times 13}{10 \times 30}$$

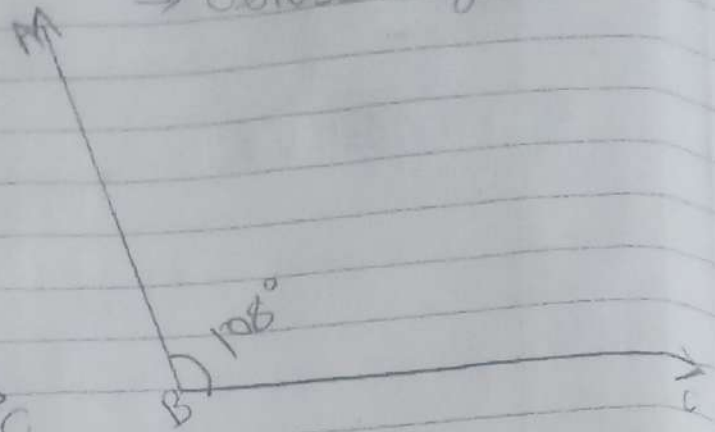
$$b. \text{ Thus } 3.9 \times 1.3 = \frac{507}{100}$$

Q. 6 Construct the following angles and identify its type.

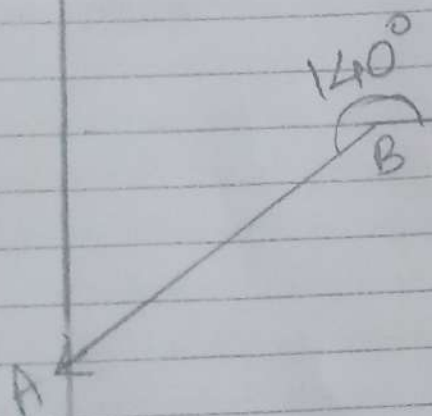
a. 85°
→ Acute Angle



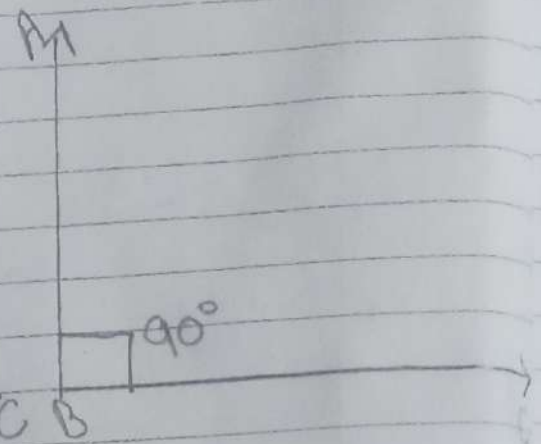
b. 108°
→ Obtuse Angle



c. 225°
→ Reflex Angle



d. 90°
→ Right Angle



Q. 7 Find the LCM of the following using the division method

a. 96, 66

b. 120, 108

Q. 8 Arrange the number in Ascending orders

a- $\frac{5}{8}, \frac{1}{8}, \frac{1}{8}, \frac{7}{8}$

→ $\frac{1}{8}, \frac{5}{8}, \frac{7}{8}, \frac{9}{8}$

b- $\frac{11}{13}, \frac{7}{13}, \frac{4}{13}, \frac{2}{13}$

→ $\frac{2}{13}, \frac{4}{13}, \frac{7}{13}, \frac{11}{13}$

Q. 9 Divide by Finding the reciprocal

a. $5/7 \div 4$

$$\rightarrow \frac{5}{7} \div \frac{4}{1} = \frac{5}{7} \times \frac{1}{4} = \frac{5}{28} = 5.28$$

b. $(4/6) \div 3$

$$\rightarrow \frac{4}{6} \div \frac{3}{1} = \frac{4}{6} \times \frac{1}{3} = \frac{4}{18} = 2.18$$

Q-10 Add the following

a. $1(2/3) + 6(1/2)$

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

b. $3(1/4) + 2(2/3)$

$$\rightarrow 3\frac{1}{4} = \frac{3 \times 1 + 1}{4} = \frac{4}{4}$$

c. $4(1/4) + 9(4/9)$

$\rightarrow$

Q. 11 add the following

a. $1(2/3) + 6(1/2)$

$$\rightarrow 1 \frac{2}{3} + 6 \frac{1}{2} = \frac{12}{3} + \frac{6}{2}$$

b. $3(1/4) + 2(2/3)$

$$\rightarrow 3 \frac{1}{4} + 2 \frac{2}{3} = \frac{13}{4} + \frac{6}{2}$$

c. $4(1/4) + 9(4/9)$

$$\rightarrow 4 \frac{1}{4} + 9 \frac{4}{9} = \frac{14}{4} + \frac{9}{9}$$

Q. 12

Q 13

1 → We know $HCF \times LCM = \text{Product of Two Numbers}$
 $2 \times 234 = 26 \times \text{second Number}$
 $\therefore \text{Second number} = \frac{2 \times 234}{26} = \frac{468}{26}$

$$= 18$$