

NAAHAR PUBLIC CBSE SENIOR SECONDARY SCHOOL,VILLUPURAM
ASSESSMENT-III (NOVEMBER 2022)

SUBJECT: MATHS (CH -8 Fraction, CH -9 Decimals)

NAME : _____

Dur : 1 hr 30 mins

CLASS / SECTION: V - A

DATE : 18.11.2022

Teacher's Initial : Ms. Vanmathy

Marks : 50

I. Fill in the blanks :

(10 ×1=10)

1. A fraction whose numerator is less than the denominator is called _____.
2. Fraction that have 1 as their numerator are _____.
3. Draw model to show fraction : $\frac{10}{15}$
4. Identify the given fraction : $2\frac{1}{5}$ = _____.
5. Write the equivalent decimals : 7.63 = _____.
6. Find the product : 7.367×100 = _____
7. _____ decimal represent the same value.
8. Write the following decimal in words : 19.652 - _____
9. Arrange the following decimals in ascending order : 10.43 , 449.34 , 44.55
10. Compare the decimals (> or < or =) : 23.809 _____ 23.89

II. Convert the following :

(i) Mixed fraction into Improper fraction or Improper into Mixed fraction:

(2×2=4)

a) $3\frac{5}{6}$

b) $\frac{25}{3}$

(ii) Decimal to fraction or Fraction to decimal :

(2×1=2)

a) 15.36 = _____

b) $\frac{7}{10}$ _____

III. Find the 3 equivalent fractions for the following :

(2×2=4)

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

b) $\frac{2}{7}$

IV. Add the following :

(2×3=6)

a) Fractions $\frac{1}{2} + \frac{3}{4} + \frac{2}{3} =$

b) Decimals

(i) 72.563 and 156.26

(ii) 27.6 and 13.05

V. Subtract the following :

(2×3=6)

a) $\frac{4}{3} - \frac{5}{12} =$

b) 12.45 from 26.79

VI. Multiply the following fraction & Decimals :

(4×1=4)

a) $\frac{3}{8} \times \frac{1}{3} =$

b) $\frac{2}{5} \times \frac{1}{2} =$

c) 68.345×10

d) 9.678×100

VII. Divide the following :

(2×2=4)

a) $\frac{8}{3} \div \frac{2}{3} =$ b) $\frac{2}{9} \div \frac{1}{3} =$

VIII. Divide the following decimals :

(2×2=4)

a) $812.4 \div 100$

b) $414.5 \div 10$

IX. Solve the word problem :

(Any One)

(1×3=3)

a) Diya weighs 35.69 kg and Riya weighs 27.99 kg. If they both stand on the weighing balance together, what would be the total weight?

(OR)

b) Krethik travels from City A to city B. The distance between the cities is $3\frac{4}{5}$ km. He travels $\frac{1}{5}$ km by car. Find out the remaining distance to be covered.

X. Project work :

(3)