



INDIAN SCHOOL DARSAIT
MATHEMATICS
MULTIPLICATION AND DIVISION OF FRACTIONS
REVISION WORKSHEET



Class: V Sec:

Date:.....

Name:

Roll No:.....

I Fill in the blanks.

- a. Reciprocal of 1 is _____
- b. How many quarters are there in 3? _____
- c. $3 \div \frac{3}{8} =$ _____
- d. $\frac{6}{7} \times \frac{7}{7} = 1$

II. Choose the correct answer.

- a. Children sleeps 8 hours in a day. What fraction of a day does they sleep? _____
- i) $\frac{24}{8}$ ii) $\frac{1}{2}$ iii) $\frac{1}{3}$ iv) $\frac{1}{7}$
- b. $\frac{1}{6}$ of an hour is _____ minutes.
- i) 45 ii) 15 iii) 10 iv) 30
- c. $\frac{2}{3} \times \frac{5}{7} \times 0 =$ _____
- i) $\frac{2}{3}$ ii) $\frac{7}{5}$ iii) $\frac{10}{21}$ iv) 0
- d. $\frac{7}{9} \div \frac{7}{5} =$ _____
- i) $\frac{5}{9}$ ii) $\frac{9}{5}$ iii) $\frac{14}{45}$ iv) $1\frac{4}{5}$

III. Mental Maths

- a. Compare : $4 \div \frac{1}{2}$ _____ $4 \times \frac{1}{4}$
- b. _____ does not have a reciprocal.
- c. $\frac{4}{5} \times$ _____ = 1
- d. Multiplicative inverse of 25 is _____

IV. Do as directed.

a) Find the product:

i) $\frac{4}{6} \times 48 \text{ km}$

ii) $45 \times \frac{3}{9}$

iii) $\frac{24}{15} \times \frac{5}{8}$

iv) $\frac{8}{14} \times \frac{7}{16}$

b) Divide :

i) $42 \div \frac{7}{4}$

ii) $\frac{6}{11} \div 18$

iii) $\frac{21}{72} \div \frac{7}{9}$

iv) $14 \div 1\frac{2}{5}$

c) Solve the word problems:

i) The cost of 1 Kg oranges is ₹ 80. What is the cost of $3\frac{1}{4}$ kg oranges?

Ans: _____

ii) The product of two fractional numbers is $1\frac{4}{5}$. If one of them is $\frac{2}{5}$ find the other number.

Ans: _____