



SATISH CHANDRA MEMORIAL SCHOOL

ACADEMIC SESSION: 2025-26

CLASS VII

SEGMENT: MATHEMATICAL OPERATIONS

CHAPTER 02: FRACTIONS & DECIMALS

CLASS TEST -10 MARKS

DATE -20/06/25

TIME 30 MIN

1. $(1/2) \times (1/5) =$ _____

- (a) $1/7$ (b) $1/10$
(c) $5/2$ (d) $2/5$

2. Find the area of rectangle whose length is 6.7 cm and breadth is 2 cm.

- (a) 13 cm^2 (b) 13.4 cm^2
(c) 13.8 cm^2 (d) 14 cm^2

3. Indian cricket team won 4 more matches than it lost with New Zealand. If it won $3/5$ of its matches, how many matches did India play?

- (a) 8 (b) 12
(c) 16 (d) 20

4. $0.01 \times 0.01 =$ _____

- (a) 0.0001 (b) 0.001
(c) 1 (d) 0.1

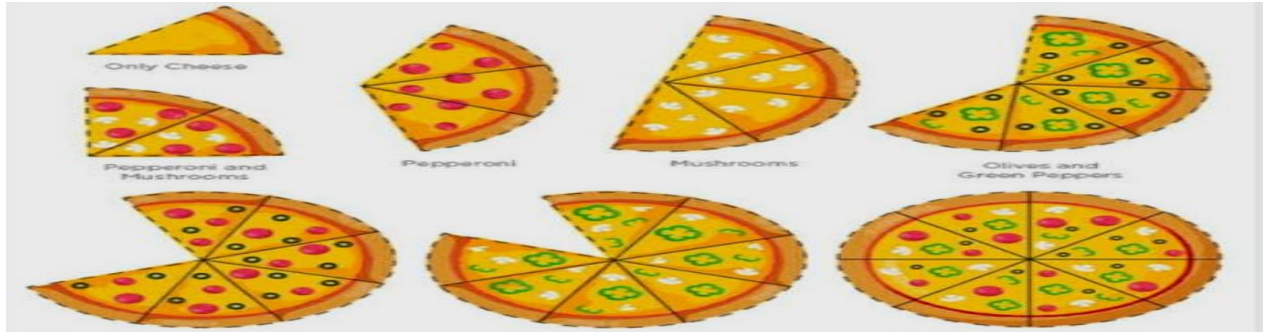
5. Guru reads $3/5$ of a book. He finds that there are still 80 pages left to be read. What is the total number of pages in the book?

- (a) 100 (b) 200
(c) 300 (d) 400

CASE STUDY 1

Riya, Tanaya and Sneha are 3 friends. Oneday, they had decided to have pizza at evening. So they had bought a pizza

and divided it into 24 equal parts. Riya took $\frac{5}{24}$ parts, Tanaya took $\frac{7}{24}$ parts and Sneha took $\frac{6}{24}$ parts from it.



1. How many parts of the pizza are still left?
2. If Riya takes three more parts from the left then the total part of her is how much more than that of the parts of Sneha?

CASE STUDY 2

Water storage of Rohini's house has a capacity of 1000 l. ($\frac{1}{5}$)th of the water is consumed for kitchen. ($\frac{2}{5}$)th of the water is used for bathing and washing clothes. Remaining water is used for watering plants in the garden of the house.



1. How much water is used for bathing and washing clothes?
2. How much water is used for watering the garden?
3. What quantity of water is used for kitchen?

