

CBSE Worksheet-01

CLASS – VII Mathematics (Fractions and Decimals)

Choose correct option in questions 1 to 5.

1. $\frac{9}{7} \times 6 = \underline{\hspace{2cm}}$

- a) $\frac{54}{7}$ b) $\frac{15}{7}$
c) $\frac{51}{7}$ d) $\frac{57}{7}$

2. $\frac{1}{2}$ of 10 = $\underline{\hspace{2cm}}$

- a) 20 b) 5
c) 8 d) 12

3. $\frac{1}{2} \times \frac{1}{5} = \underline{\hspace{2cm}}$

- a) $\frac{1}{7}$ b) $\frac{5}{2}$
c) $\frac{1}{10}$ d) $\frac{2}{5}$

4. $7 \div \frac{2}{5} = \underline{\hspace{2cm}}$

- a) 35 b) $\frac{37}{5}$
c) $\frac{2}{35}$ d) $\frac{35}{2}$

5. $0.01 \times 0.01 = \underline{\hspace{2cm}}$

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

Fill in the blanks:

6. A _____ is a fraction that represents a part of a whole.
7. Reciprocal of $\frac{2}{5}$ is _____.
8. A fraction acts as an operator _____.
9. The product of two proper fractions is _____ each of the fractions that are multiplied.
10. In a class of 40 students $\frac{1}{5}$ of the total number of students like to study English, $\frac{2}{5}$ of the total number like to study mathematics and the remaining students like to study Science. How many students like to study English?
11. Sushant reads $\frac{1}{3}$ part of a book in 1 hour. How much part of the book will he read in $2\frac{1}{5}$ hours?
12. Find the average of 4.2, 3.8 and 7.6.

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Answer key

1. a
2. b
3. c
4. d
5. a
6. proper fraction
7. $\frac{5}{2}$
8. 'of'
9. less than
10. 8 students
11. $\frac{11}{15}$
12. 5.2