

Worksheet for the Academic Year 2025-26

DATE: 05 -05-2025

- Define :
a) proper fraction
b) improper fraction
c) mixed fraction
- Write the reciprocals of the following:
a) 3
b) $\frac{4}{7}$
c) $\frac{1}{2}$
d) $\frac{11}{13}$
e) $\frac{3}{4}$
- Find
a) $\frac{2}{3}$ of 18
b) $\frac{1}{5}$ of 35
c) $\frac{4}{7}$ of 14
d) $\frac{2}{5}$ of 25
e) $3\frac{1}{5}$ of 50
- Which is greater?
a) $\frac{1}{5}$ of $\frac{3}{4}$ OR $\frac{1}{8}$ of $\frac{7}{5}$
b) $\frac{4}{7}$ of 28 OR $\frac{2}{3}$ of 81
- Evaluate
a) $\frac{4}{5} \times 3\frac{1}{7}$
b) $1\frac{2}{5} \times 4\frac{1}{4}$
c) $\frac{2}{3} \times \frac{9}{7}$
d) $\frac{1}{2} \times \frac{6}{5}$
e) $\frac{7}{9} \times 27$
f) $3 \times 5\frac{1}{5}$
- Find
a) $16 \div \frac{2}{3}$
b) $\frac{6}{5} \div 2$
c) $\frac{5}{11} \div \frac{35}{33}$
d) $4\frac{1}{5} \div \frac{7}{15}$
e) $5 \div \frac{9}{7}$
f) $3\frac{3}{5} \div \frac{9}{5}$
g) $7\frac{1}{2} \div 6\frac{2}{3}$
- Find
a) 0.09×1.19
b) 0.372×100
c) 101.27×3
d) 91.2×4.11
e) 0.009×1000
f) 24.795×100
g) 2.96×0.7
- Evaluate
a) $417.8 \div 10$
b) $0.72 \div 9$
c) $142.1 \div 0.07$
d) $476.35 \div 1000$
e) $2.52 \div 1.2$
f) $44.1 \div 2.1$
g) $0.072 \div 0.08$
h) $3.24 \div 9$

9. The duration of one period in a school is $\frac{2}{3}$ hour. What is the duration of 9 such periods
10. In a class of 50 students, $\frac{3}{5}$ are girls. How many boys are there in the class?
11. The length of the rectangle is 9.2cm and its breadth is 6cm. Find the area of the rectangle
12. There are 48 balls in a bag. $\frac{1}{3}$ of them are red in colour. $\frac{1}{4}$ of them are blue in colour, $\frac{1}{4}$ of them are green in color and the remaining are white in colour. Find the number of balls of each color.
13. The cost of 1m of cloth is ₹150.50. What is the cost of 2.5 m of cloth
14. One bag contains 85.25 kg of sugar. Find the weight of 29 such bags?

Answers:

- | | | | | |
|--------------------------------------|------------------------|------------------|--------------------|-------------------|
| 2. a) $\frac{1}{3}$ | b) $\frac{7}{4}$ | c) 2 | d) $\frac{13}{11}$ | e) $\frac{4}{3}$ |
| 3. a) 12 | b) 7 | c) 8 | d) 10 | e) 160 |
| 4. a) $\frac{1}{8}$ of $\frac{5}{5}$ | b) $\frac{2}{3}$ of 81 | | | |
| 5. a) $2\frac{18}{35}$ | b) $5\frac{19}{20}$ | c) $\frac{6}{7}$ | d) $\frac{3}{5}$ | e) 21 |
| f) $15\frac{3}{5}$ | | | | |
| 6. a) 24 | b) $\frac{3}{5}$ | c) $\frac{3}{7}$ | d) 9 | e) $3\frac{8}{9}$ |
| f) 2 | g) $1\frac{1}{8}$ | | | |
| 7. a) 0.1071 | b) 37.2 | c) 303.81 | d) 374.832 | e) 9 |
| f) 2479.5 | | g) 2.072 | | |
| 8. a) 41.78 | b) 0.08 | c) 2030 | d) 0.47635 | e) 2.1 |
| f) 21 | g) 0.9 | g) 0.36 | | |
| 9. 6 hours | | 10. 20 boys | | 11. 55.2 sq cm |
| 12. 16,12,12,8 | | 13. ₹376.25 | | 14. 2472.25 |
