

Global Academy School

Work sheet

Class VII

Maths

Q1. Write the reciprocal of:

a) $\frac{5}{8}$

b) 7

c) $\frac{1}{12}$

Q2 Simplify:

a) $\frac{4}{7} \div \frac{q}{14}$

b) $\frac{7}{10} \div \frac{3}{5}$

c) $\frac{3}{9} \div 16$

d) $3\frac{3}{7} \div \frac{8}{21}$

e) $24 \div \frac{6}{7}$

f) $15\frac{3}{7} \div 1\frac{23}{49}$

Q3. Divide:

a) $\frac{11}{24} \text{ by } \frac{7}{8}$

d) 32 by $1\frac{3}{5}$

b) $6\frac{7}{8} \text{ by } \frac{11}{16}$

e) 45 by $1\frac{4}{5}$

c) $5\frac{5}{9} \text{ by } 3\frac{1}{3}$

f) 63 by $2\frac{1}{4}$

Q4. A rope of length $13\frac{1}{2}$ metres has been divided into 9 pieces of the same length. What is the length of each piece.

Q5 By what number should $9\frac{4}{5}$ be multiplied to get 42%

Q6. By what number should $6\frac{2}{9}$ be divided to obtain $4\frac{2}{3}$

Q7. Find

- i) $\frac{12}{25}$ of a litre
- ii) $\frac{5}{8}$ of a kilogram
- iii) $\frac{3}{5}$ of an hour

Q8. Simplify –

i) $1\frac{3}{4} \times 2\frac{2}{5} \times 3\frac{4}{7}$

ii) $5\frac{5}{9} \div 3\frac{1}{3}$

Q9. Fill in the blanks :

i) Reciprocal of $8\frac{2}{5}$ is _____

ii) $13\frac{1}{2} \div 8 =$ _____

iii) $69\frac{3}{4} \div 7\frac{3}{4} =$ _____

iv) $41\frac{2}{3} \times 18\frac{3}{5} =$ _____

Q10 i) $\left(\frac{3}{10} + \frac{8}{15}\right) =$ _____

ii) $\left(3\frac{1}{4} - 2\frac{1}{3}\right) =$ _____

iii) $1\frac{3}{5} \div \frac{2}{3} =$ _____

iv) $\left(\frac{a}{b} \times \frac{c}{d}\right) =$ _____