

CLASS- 5TH.

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Ex. 3.5.

Q1. Multiply and write the answers in the lowest form

(a) $\frac{5}{12} \times 4$

Sol. $\frac{5}{12} \times \frac{4}{1} = \frac{5 \times 4}{12 \times 1} = \frac{20}{12} = \frac{20 \div 4}{12 \div 4} = \frac{5}{3} = 1\frac{2}{3}$ Ans.

(b) $\frac{7}{18} \times 10$

Sol. $\frac{7}{18} \times \frac{10}{1} = \frac{7 \times 10}{18 \times 1} = \frac{70}{18} = \frac{70 \div 2}{18 \div 2} = \frac{35}{9} = 3\frac{8}{9}$ Ans.

(g) $1 \times \frac{17}{21}$

Sol. $\frac{1}{1} \times \frac{17}{21} = \frac{1 \times 17}{1 \times 21} = \frac{17}{21}$ Ans.

(b) $\frac{13}{4} \times 4$

Sol. $\frac{13}{4} \times \frac{4}{1} = \frac{13 \times 4}{4 \times 1} = \frac{13}{1} = 13$ Ans.

Q2. Find the product of the following:

(a) $\frac{7}{8} \times \frac{4}{3} = \frac{7 \times 4}{8 \times 3} = \frac{28}{24} = \frac{28 \div 4}{24 \div 4} = \frac{7}{6} = 1\frac{1}{6}$ Ans.

(b) $\frac{2}{3} \times \frac{6}{7} = \frac{2 \times 6}{3 \times 7} = \frac{12}{21} = \frac{12 \div 3}{21 \div 3} = \frac{4}{7}$ Ans.

$$(g) \quad \frac{21}{9} \times \frac{15}{28} = \frac{\overset{7}{\cancel{21}} \times \overset{5}{\cancel{15}}}{\underset{3}{\cancel{9}} \times \underset{4}{\cancel{28}}} = \frac{5}{4} = 1 \frac{1}{4} \text{ Ans.}$$

$$(h) \quad \frac{13}{4} \times \frac{6}{11} = \frac{13 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 11} = \frac{39}{22} = 1 \frac{17}{22} \text{ Ans.}$$

$$(i) \quad \frac{6}{12} \times \frac{26}{42} = \frac{\cancel{6} \times \cancel{26}}{12 \times \underset{7}{\cancel{42}}} = \frac{2}{7} \text{ Ans.}$$

Ex. 3.5 - Do Q1 and Q2 (c), (d) and (e) parts in homework.