



Exercise 2D

$$= \frac{25}{30} = \frac{5}{6}$$

Q8

**Answer :**

(d)  $\frac{11}{12}$

$$\begin{aligned} \left( 3\frac{1}{4} - 2\frac{1}{3} \right) &= \left( \frac{13}{4} - \frac{7}{3} \right) \\ &= \left( \frac{39-28}{12} \right) \quad [\because \text{LCM of 4 and 3} = 12] \\ &= \frac{11}{12} \end{aligned}$$

Q9

**Answer :**

(d) 144

$$\begin{aligned} 36 \div \frac{1}{4} &= 36 \times 4 \quad [\because \text{Reciprocal of } \frac{1}{4} = 4] \\ &= 144 \end{aligned}$$

Q10

**Answer :**

(b)  $\frac{5}{7}$

$$\begin{aligned} \text{Required number} &= 1\frac{6}{7} \div 2\frac{3}{5} \\ &= \frac{13}{7} \div \frac{13}{5} \\ &= \frac{13}{7} \times \frac{5}{13} \quad [\because \text{Reciprocal of } \frac{13}{5} = \frac{5}{13}] \end{aligned}$$

$$= \frac{5}{7}$$

Q11

**Answer :**

(d)  $2\frac{1}{4}$

$$\text{Required number} = 1\frac{1}{2} \div \frac{2}{3}$$

$$= \frac{3}{2} \div \frac{2}{3}$$

$$= \frac{3}{2} \times \frac{3}{2} \quad [\because \text{Reciprocal of } \frac{2}{3} = \frac{3}{2}]$$

$$= \frac{9}{4} = 2\frac{1}{4}$$

Q12

**Answer :**

(c)  $2\frac{2}{5}$

$$1\frac{3}{5} \div \frac{2}{3} = \frac{8}{5} \div \frac{2}{3}$$

$$= \frac{8}{5} \times \frac{3}{2} \quad [\because \text{Reciprocal of } \frac{2}{3} = \frac{3}{2}]$$

$$= \left( \frac{4 \times 3}{5} \right) = \frac{12}{5} = 2\frac{2}{5}$$

Q13

**Answer :**

(d)  $1\frac{5}{6}$

\*\*\*\*\* END \*\*\*\*\*