

1. a) $\frac{1}{3} = 3$ b) $\frac{8}{7} = \frac{7}{8}$ c) $\frac{9}{11} = \frac{11}{9}$

d) $\frac{17}{12} = \frac{12}{17}$

$$2. \quad \frac{7}{5} \div \frac{1}{3}$$

$$\frac{7}{5} \times \frac{3}{1}$$

$$\frac{21}{5} = 4\frac{1}{5}$$

$$b) \frac{3}{8} \cdot \frac{2}{5}$$

$$\frac{3}{8} \times \frac{2}{5} = \boxed{\frac{15}{16}}$$

$$c) \frac{4}{10} \cdot \frac{5}{7}$$

$$\frac{4}{10} \times \frac{5}{7} = \frac{20}{70} = \boxed{\frac{2}{7}}$$

$$D) \frac{1}{6} \div \frac{1}{7}$$

$$\frac{1}{6} \div \frac{7}{1} = \frac{17}{6} = \left(1 \frac{1}{6}\right)$$

$$3. \quad \frac{5}{12} \div \frac{1}{4} \times 3$$

$$\frac{5}{12} \div \frac{3}{12}$$

$$\frac{5}{3} = \boxed{\frac{12}{3}}$$

$$\begin{aligned} \text{B)} \quad & \frac{7}{5} \div \frac{4}{10} \\ & \times 2 \quad \frac{14}{10} \div \frac{4}{10} \\ & \frac{14}{10} \div \frac{4}{10} \\ & \frac{14}{4} = \left(3 \frac{1}{2} \right) \end{aligned}$$

$$\begin{aligned} \text{C)} \quad & \frac{2}{3} \div \frac{1}{2} \\ & \frac{4}{6} \div \frac{3}{6} \\ & 4 \div 3 \\ & 1 \frac{1}{3} \end{aligned}$$

D)

$$\frac{5 \times 2}{6} \cdot \frac{3}{4}$$

$$\frac{10}{12} \div \frac{9}{12} = \frac{10}{9} = \boxed{1 \frac{1}{9}}$$

$$\frac{3}{4} \div \frac{2}{1} = \frac{3}{8}$$
$$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8} \quad \checkmark$$

$$\frac{1}{2} \div \frac{4}{3}$$
$$\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$$

$$\frac{1}{4} \div \frac{2}{3}$$
$$\frac{1}{4} \times \frac{3}{2} = \frac{3}{8}$$

P, 151

Q 4, 5 et 7