

$$(1) \frac{2}{3} \div \frac{4}{7} =$$

$$(5) \frac{1}{6} \div \frac{1}{9} =$$

$$(2) \frac{5}{6} \div \frac{5}{9} =$$

$$(6) \frac{1}{2} \div \frac{1}{2} =$$

$$(3) \frac{1}{5} \div \frac{1}{4} =$$

$$(7) \frac{7}{9} \div \frac{5}{6} =$$

$$(4) \frac{2}{3} \div \frac{1}{3} =$$

$$(8) \frac{5}{6} \div \frac{2}{5} =$$

$$\begin{aligned} (1) \quad \frac{2}{3} \div \frac{4}{7} &= \frac{\cancel{2}^1}{3} \times \frac{7}{\cancel{4}_2} \\ &= \frac{7}{6} \\ &= 1 \frac{1}{6} \end{aligned}$$

$$\begin{aligned} (5) \quad \frac{1}{6} \div \frac{1}{9} &= \frac{1}{\cancel{6}_2} \times \frac{\cancel{9}^3}{1} \\ &= \frac{3}{2} \\ &= 1 \frac{1}{2} \end{aligned}$$

$$\begin{aligned} (2) \quad \frac{5}{6} \div \frac{5}{9} &= \frac{\cancel{5}^1}{\cancel{6}_2} \times \frac{\cancel{9}^3}{\cancel{5}_1} \\ &= \frac{3}{2} \\ &= 1 \frac{1}{2} \end{aligned}$$

$$\begin{aligned} (6) \quad \frac{1}{2} \div \frac{1}{2} &= \frac{1}{\cancel{2}_1} \times \frac{\cancel{2}^1}{1} \\ &= \frac{1}{1} \\ &= 1 \end{aligned}$$

$$\begin{aligned} (3) \quad \frac{1}{5} \div \frac{1}{4} &= \frac{1}{5} \times \frac{4}{1} \\ &= \frac{4}{5} \end{aligned}$$

$$\begin{aligned} (7) \quad \frac{7}{9} \div \frac{5}{6} &= \frac{7}{\cancel{9}_3} \times \frac{\cancel{6}^2}{5} \\ &= \frac{14}{15} \end{aligned}$$

$$\begin{aligned} (4) \quad \frac{2}{3} \div \frac{1}{3} &= \frac{2}{\cancel{3}_1} \times \frac{\cancel{3}^1}{1} \\ &= \frac{2}{1} \\ &= 2 \end{aligned}$$

$$\begin{aligned} (8) \quad \frac{5}{6} \div \frac{2}{5} &= \frac{5}{6} \times \frac{5}{2} \\ &= \frac{25}{12} \\ &= 2 \frac{1}{12} \end{aligned}$$