

$$(1) \frac{5}{7} \div \frac{5}{8} =$$

$$(5) \frac{3}{7} \div \frac{2}{3} =$$

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

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

$$(3) \frac{5}{6} \div \frac{3}{8} =$$

$$(7) \frac{5}{7} \div \frac{5}{8} =$$

$$(4) \frac{3}{4} \div \frac{1}{9} =$$

$$(8) \frac{1}{9} \div \frac{1}{3} =$$

$$\begin{aligned} (1) \quad \frac{5}{7} \div \frac{5}{8} &= \frac{\cancel{5}^1}{7} \times \frac{8}{\cancel{5}_1} \\ &= \frac{8}{7} \\ &= 1 \frac{1}{7} \end{aligned}$$

$$\begin{aligned} (5) \quad \frac{3}{7} \div \frac{2}{3} &= \frac{3}{7} \times \frac{3}{2} \\ &= \frac{9}{14} \end{aligned}$$

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

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

$$\begin{aligned} (3) \quad \frac{5}{6} \div \frac{3}{8} &= \frac{5}{\cancel{6}_3} \times \frac{\cancel{8}^4}{3} \\ &= \frac{20}{9} \\ &= 2 \frac{2}{9} \end{aligned}$$

$$\begin{aligned} (7) \quad \frac{5}{7} \div \frac{5}{8} &= \frac{\cancel{5}^1}{7} \times \frac{8}{\cancel{5}_1} \\ &= \frac{8}{7} \\ &= 1 \frac{1}{7} \end{aligned}$$

$$\begin{aligned} (4) \quad \frac{3}{4} \div \frac{1}{9} &= \frac{3}{4} \times \frac{9}{1} \\ &= \frac{27}{4} \\ &= 6 \frac{3}{4} \end{aligned}$$

$$\begin{aligned} (8) \quad \frac{1}{9} \div \frac{1}{3} &= \frac{1}{\cancel{9}_3} \times \frac{\cancel{3}^1}{1} \\ &= \frac{1}{3} \end{aligned}$$