

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

$$(5) \frac{1}{3} \div \frac{1}{2} =$$

$$(2) \frac{8}{9} \div \frac{5}{9} =$$

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

$$(3) \frac{1}{5} \div \frac{2}{5} =$$

$$(7) \frac{1}{9} \div \frac{4}{9} =$$

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

$$(8) \frac{1}{6} \div \frac{1}{2} =$$

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

$$\begin{aligned}
 (5) \quad \frac{1}{3} \div \frac{1}{2} &= \frac{1}{3} \times \frac{2}{1} \\
 &= \frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad \frac{8}{9} \div \frac{5}{9} &= \frac{8}{\cancel{9}_1} \times \frac{\cancel{9}^1}{5} \\
 &= \frac{8}{5} \\
 &= 1 \frac{3}{5}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad \frac{5}{7} \div \frac{5}{6} &= \frac{\cancel{5}^1}{7} \times \frac{6}{\cancel{5}_1} \\
 &= \frac{6}{7}
 \end{aligned}$$

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

$$\begin{aligned}
 (7) \quad \frac{1}{9} \div \frac{4}{9} &= \frac{1}{\cancel{9}_1} \times \frac{\cancel{9}^1}{4} \\
 &= \frac{1}{4}
 \end{aligned}$$

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

$$\begin{aligned}
 (8) \quad \frac{1}{6} \div \frac{1}{2} &= \frac{1}{\cancel{6}_3} \times \frac{\cancel{2}^1}{1} \\
 &= \frac{1}{3}
 \end{aligned}$$