

$$(1) \frac{3}{5} \div \frac{1}{6} =$$

$$(5) \frac{4}{7} \div \frac{5}{7} =$$

$$(2) \frac{1}{2} \div \frac{5}{8} =$$

$$(6) \frac{1}{6} \div \frac{4}{9} =$$

$$(3) \frac{2}{9} \div \frac{1}{6} =$$

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

$$(4) \frac{1}{6} \div \frac{1}{8} =$$

$$(8) \frac{1}{4} \div \frac{1}{2} =$$

$$\begin{aligned}
 (1) \quad \frac{3}{5} \div \frac{1}{6} &= \frac{3}{5} \times \frac{6}{1} \\
 &= \frac{18}{5} \\
 &= 3 \frac{3}{5}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad \frac{4}{7} \div \frac{5}{7} &= \frac{4}{\cancel{7}_1} \times \frac{\cancel{7}^1}{5} \\
 &= \frac{4}{5}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad \frac{1}{2} \div \frac{5}{8} &= \frac{1}{\cancel{2}_1} \times \frac{\cancel{8}^4}{5} \\
 &= \frac{4}{5}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad \frac{1}{6} \div \frac{4}{9} &= \frac{1}{\cancel{6}_2} \times \frac{\cancel{9}^3}{4} \\
 &= \frac{3}{8}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad \frac{2}{9} \div \frac{1}{6} &= \frac{2}{\cancel{9}_3} \times \frac{\cancel{6}^2}{1} \\
 &= \frac{4}{3} \\
 &= 1 \frac{1}{3}
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad \frac{5}{8} \div \frac{1}{5} &= \frac{5}{8} \times \frac{5}{1} \\
 &= \frac{25}{8} \\
 &= 3 \frac{1}{8}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad \frac{1}{6} \div \frac{1}{8} &= \frac{1}{\cancel{6}_3} \times \frac{\cancel{8}^4}{1} \\
 &= \frac{4}{3} \\
 &= 1 \frac{1}{3}
 \end{aligned}$$

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