

$$(1) 1\frac{1}{6} \div 2\frac{8}{9} =$$

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

$$(2) 1\frac{2}{9} \div 2\frac{1}{5} =$$

$$(5) 1\frac{3}{7} \div 1\frac{7}{9} =$$

$$(3) 1\frac{5}{6} \div 2\frac{7}{8} =$$

$$(6) 3\frac{3}{4} \div 1\frac{1}{2} =$$

$$\begin{aligned}
 (1) \quad 1\frac{1}{6} \div 2\frac{8}{9} &= \frac{7}{6} \div \frac{26}{9} \\
 &= \frac{7}{\cancel{6}_2} \times \frac{\cancel{9}^3}{26} \\
 &= \frac{21}{52}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 1\frac{2}{3} \div 2\frac{1}{7} &= \frac{5}{3} \div \frac{15}{7} \\
 &= \frac{\cancel{5}^1}{3} \times \frac{7}{\cancel{15}_3} \\
 &= \frac{7}{9}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 1\frac{2}{9} \div 2\frac{1}{5} &= \frac{11}{9} \div \frac{11}{5} \\
 &= \frac{\cancel{11}^1}{9} \times \frac{5}{\cancel{11}_1} \\
 &= \frac{5}{9}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 1\frac{3}{7} \div 1\frac{7}{9} &= \frac{10}{7} \div \frac{16}{9} \\
 &= \frac{\cancel{10}^5}{7} \times \frac{9}{\cancel{16}_8} \\
 &= \frac{45}{56}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 1\frac{5}{6} \div 2\frac{7}{8} &= \frac{11}{6} \div \frac{23}{8} \\
 &= \frac{11}{\cancel{6}_3} \times \frac{\cancel{8}^4}{23} \\
 &= \frac{44}{69}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 3\frac{3}{4} \div 1\frac{1}{2} &= \frac{15}{4} \div \frac{3}{2} \\
 &= \frac{\cancel{15}^5}{\cancel{4}_2} \times \frac{\cancel{2}^1}{\cancel{3}_1} \\
 &= \frac{5}{2} \\
 &= 2\frac{1}{2}
 \end{aligned}$$