

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

$$(4) 2\frac{5}{6} \div 1\frac{1}{2} =$$

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

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

$$(3) 1\frac{4}{5} \div 2\frac{5}{8} =$$

$$(6) 1\frac{1}{5} \div 1\frac{7}{9} =$$

$$\begin{aligned}
 (1) \quad 1\frac{1}{6} \div 1\frac{1}{2} &= \frac{7}{6} \div \frac{3}{2} \\
 &= \frac{7}{\cancel{6}_3} \times \frac{\cancel{2}^1}{3} \\
 &= \frac{7}{9}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 2\frac{5}{6} \div 1\frac{1}{2} &= \frac{17}{6} \div \frac{3}{2} \\
 &= \frac{17}{\cancel{6}_3} \times \frac{\cancel{2}^1}{3} \\
 &= \frac{17}{9} \\
 &= 1\frac{8}{9}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 3\frac{2}{3} \div 2\frac{1}{5} &= \frac{11}{3} \div \frac{11}{5} \\
 &= \frac{\cancel{11}^1}{3} \times \frac{5}{\cancel{11}_1} \\
 &= \frac{5}{3} \\
 &= 1\frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 3\frac{1}{2} \div 1\frac{5}{6} &= \frac{7}{2} \div \frac{11}{6} \\
 &= \frac{7}{\cancel{2}_1} \times \frac{\cancel{6}^3}{11} \\
 &= \frac{21}{11} \\
 &= 1\frac{10}{11}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 1\frac{4}{5} \div 2\frac{5}{8} &= \frac{9}{5} \div \frac{21}{8} \\
 &= \frac{\cancel{9}^3}{5} \times \frac{8}{\cancel{21}_7} \\
 &= \frac{24}{35}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 1\frac{1}{5} \div 1\frac{7}{9} &= \frac{6}{5} \div \frac{16}{9} \\
 &= \frac{\cancel{6}^3}{5} \times \frac{9}{\cancel{16}_8} \\
 &= \frac{27}{40}
 \end{aligned}$$