

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

$$(4) 2\frac{1}{6} \div 3\frac{4}{9} =$$

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

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

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

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

$$\begin{aligned}
 (1) \quad 3\frac{1}{2} \div 3\frac{1}{6} &= \frac{7}{2} \div \frac{19}{6} \\
 &= \frac{7}{\cancel{2}_1} \times \frac{\cancel{6}^3}{19} \\
 &= \frac{21}{19} \\
 &= 1\frac{2}{19}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 2\frac{1}{6} \div 3\frac{4}{9} &= \frac{13}{6} \div \frac{31}{9} \\
 &= \frac{13}{\cancel{6}_2} \times \frac{\cancel{9}^3}{31} \\
 &= \frac{39}{62}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 1\frac{3}{5} \div 1\frac{2}{5} &= \frac{8}{5} \div \frac{7}{5} \\
 &= \frac{8}{\cancel{5}_1} \times \frac{\cancel{5}^1}{7} \\
 &= \frac{8}{7} \\
 &= 1\frac{1}{7}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 2\frac{1}{2} \div 1\frac{1}{6} &= \frac{5}{2} \div \frac{7}{6} \\
 &= \frac{5}{\cancel{2}_1} \times \frac{\cancel{6}^3}{7} \\
 &= \frac{15}{7} \\
 &= 2\frac{1}{7}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 2\frac{2}{3} \div 2\frac{1}{6} &= \frac{8}{3} \div \frac{13}{6} \\
 &= \frac{8}{\cancel{3}_1} \times \frac{\cancel{6}^2}{13} \\
 &= \frac{16}{13} \\
 &= 1\frac{3}{13}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 3\frac{1}{4} \div 3\frac{1}{2} &= \frac{13}{4} \div \frac{7}{2} \\
 &= \frac{13}{\cancel{4}_2} \times \frac{\cancel{2}^1}{7} \\
 &= \frac{13}{14}
 \end{aligned}$$