

$$(1) 3\frac{2}{3} \div 1\frac{5}{9} =$$

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

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

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

$$(3) 1\frac{1}{9} \div 1\frac{8}{9} =$$

$$(6) 2\frac{2}{3} \div 1\frac{8}{9} =$$

$$\begin{aligned}
 (1) \quad 3\frac{2}{3} \div 1\frac{5}{9} &= \frac{11}{3} \div \frac{14}{9} \\
 &= \frac{11}{\cancel{3}_1} \times \frac{\cancel{9}^3}{14} \\
 &= \frac{33}{14} \\
 &= 2\frac{5}{14}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 2\frac{1}{2} \div 3\frac{4}{7} &= \frac{5}{2} \div \frac{25}{7} \\
 &= \frac{\cancel{5}^1}{2} \times \frac{7}{\cancel{25}_5} \\
 &= \frac{7}{10}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 3\frac{1}{2} \div 2\frac{5}{6} &= \frac{7}{2} \div \frac{17}{6} \\
 &= \frac{7}{\cancel{2}_1} \times \frac{\cancel{6}^3}{17} \\
 &= \frac{21}{17} \\
 &= 1\frac{4}{17}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 3\frac{1}{6} \div 2\frac{5}{8} &= \frac{19}{6} \div \frac{21}{8} \\
 &= \frac{19}{\cancel{6}_3} \times \frac{\cancel{8}^4}{21} \\
 &= \frac{76}{63} \\
 &= 1\frac{13}{63}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 1\frac{1}{9} \div 1\frac{8}{9} &= \frac{10}{9} \div \frac{17}{9} \\
 &= \frac{10}{\cancel{9}_1} \times \frac{\cancel{9}^1}{17} \\
 &= \frac{10}{17}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 2\frac{2}{3} \div 1\frac{8}{9} &= \frac{8}{3} \div \frac{17}{9} \\
 &= \frac{8}{\cancel{3}_1} \times \frac{\cancel{9}^3}{17} \\
 &= \frac{24}{17} \\
 &= 1\frac{7}{17}
 \end{aligned}$$