

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

$$(4) 3\frac{7}{9} \div 1\frac{2}{3} =$$

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

$$(5) 2\frac{1}{4} \div 3\frac{5}{6} =$$

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

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

$$\begin{aligned}
 (1) \quad 3\frac{1}{8} \div 3\frac{5}{6} &= \frac{25}{8} \div \frac{23}{6} \\
 &= \frac{25}{8} \times \frac{\cancel{6}^3}{23} \\
 &= \frac{75}{92}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 3\frac{7}{9} \div 1\frac{2}{3} &= \frac{34}{9} \div \frac{5}{3} \\
 &= \frac{34}{9} \times \frac{\cancel{3}^1}{5} \\
 &= \frac{34}{15} \\
 &= 2\frac{4}{15}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 3\frac{1}{3} \div 3\frac{3}{7} &= \frac{10}{3} \div \frac{24}{7} \\
 &= \frac{\cancel{10}^5}{3} \times \frac{7}{\cancel{24}_{12}} \\
 &= \frac{35}{36}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 2\frac{1}{4} \div 3\frac{5}{6} &= \frac{9}{4} \div \frac{23}{6} \\
 &= \frac{9}{4} \times \frac{\cancel{6}^3}{23} \\
 &= \frac{27}{46}
 \end{aligned}$$

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

$$\begin{aligned}
 (6) \quad 2\frac{5}{6} \div 3\frac{1}{3} &= \frac{17}{6} \div \frac{10}{3} \\
 &= \frac{17}{\cancel{6}_2} \times \frac{\cancel{3}^1}{10} \\
 &= \frac{17}{20}
 \end{aligned}$$