

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

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

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

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

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

$$(6) 2\frac{1}{4} \div 2\frac{1}{8} =$$

$$\begin{aligned}
 (1) \quad 3\frac{8}{9} \div 3\frac{1}{2} &= \frac{35}{9} \div \frac{7}{2} \\
 &= \frac{\cancel{35}^5 \times 2}{9 \times \cancel{7}_1} \\
 &= \frac{10}{9} \\
 &= 1\frac{1}{9}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 3\frac{1}{4} \div 2\frac{5}{6} &= \frac{13}{4} \div \frac{17}{6} \\
 &= \frac{13}{\cancel{4}_2} \times \frac{\cancel{6}^3}{17} \\
 &= \frac{39}{34} \\
 &= 1\frac{5}{34}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 3\frac{3}{4} \div 2\frac{1}{4} &= \frac{15}{4} \div \frac{9}{4} \\
 &= \frac{\cancel{15}^5 \times \cancel{4}^1}{\cancel{4}_1 \times \cancel{9}_3} \\
 &= \frac{5}{3} \\
 &= 1\frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 3\frac{1}{2} \div 3\frac{1}{4} &= \frac{7}{2} \div \frac{13}{4} \\
 &= \frac{7}{\cancel{2}_1} \times \frac{\cancel{4}^2}{13} \\
 &= \frac{14}{13} \\
 &= 1\frac{1}{13}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 1\frac{1}{3} \div 2\frac{6}{7} &= \frac{4}{3} \div \frac{20}{7} \\
 &= \frac{\cancel{4}^1 \times 7}{3 \times \cancel{20}_5} \\
 &= \frac{7}{15}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 2\frac{1}{4} \div 2\frac{1}{8} &= \frac{9}{4} \div \frac{17}{8} \\
 &= \frac{9}{\cancel{4}_1} \times \frac{\cancel{8}^2}{17} \\
 &= \frac{18}{17} \\
 &= 1\frac{1}{17}
 \end{aligned}$$