

$$(1) 1\frac{1}{8} \div 2\frac{1}{7} =$$

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

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

$$(5) 1\frac{2}{7} \div 1\frac{4}{5} =$$

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

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

$$\begin{aligned}
 (1) \quad 1\frac{1}{8} \div 2\frac{1}{7} &= \frac{9}{8} \div \frac{15}{7} \\
 &= \frac{\cancel{9}^3 \times \cancel{7}^1}{8 \times \cancel{15}_5} \\
 &= \frac{21}{40}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 2\frac{2}{3} \div 3\frac{3}{7} &= \frac{8}{3} \div \frac{24}{7} \\
 &= \frac{\cancel{8}^1 \times \cancel{7}^1}{3 \times \cancel{24}_3} \\
 &= \frac{7}{9}
 \end{aligned}$$

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

$$\begin{aligned}
 (5) \quad 1\frac{2}{7} \div 1\frac{4}{5} &= \frac{9}{7} \div \frac{9}{5} \\
 &= \frac{\cancel{9}^1 \times \cancel{5}^1}{7 \times \cancel{9}_1} \\
 &= \frac{5}{7}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 3\frac{3}{4} \div 3\frac{1}{3} &= \frac{15}{4} \div \frac{10}{3} \\
 &= \frac{\cancel{15}^3 \times \cancel{3}^1}{4 \times \cancel{10}_2} \\
 &= \frac{9}{8} \\
 &= 1\frac{1}{8}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 2\frac{5}{8} \div 3\frac{1}{8} &= \frac{21}{8} \div \frac{25}{8} \\
 &= \frac{21 \times \cancel{8}^1}{\cancel{8}_1 \times 25} \\
 &= \frac{21}{25}
 \end{aligned}$$