計算
エース

グレード　6　―　15

年	月 日	名前		点

1問6点（減点法）

分数÷分数　③　帯分数がある計算

① $1\frac{1}{2} \div \frac{4}{5} = \frac{3}{2} \div \frac{4}{5} = \frac{3 \times 5}{2 \times 4} = \frac{15}{8}$

② $1\frac{2}{3} \div \frac{1}{4} = \frac{5}{3} \div \frac{1}{4} = \frac{5 \times 4}{3 \times 1} = \frac{20}{3}$

③ $2\frac{2}{5} \div \frac{3}{10} = \frac{12}{5} \div \frac{3}{10} = \frac{{}^{4}\cancel{12} \times \cancel{10}^{2}}{\cancel{5}_{1} \times \cancel{3}_{1}} = 8$

④ $2\frac{1}{7} \div \frac{3}{4} = \frac{15}{7} \div \frac{3}{4} = \frac{{}^{5}\cancel{15} \times 4}{7 \times \cancel{3}_{1}} = \frac{20}{7}$

⑤ $1\frac{1}{6} \div \frac{7}{8} = \frac{7}{6} \div \frac{7}{8} = \frac{{}^{1}\cancel{7} \times \cancel{8}^{4}}{\cancel{6}_{3} \times \cancel{7}_{1}} = \frac{4}{3}$

⑥ $2\frac{1}{4} \div \frac{9}{10} = \frac{9}{4} \div \frac{9}{10} = \frac{{}^{1}\cancel{9} \times \cancel{10}^{5}}{\cancel{4}_{2} \times \cancel{9}_{1}} = \frac{5}{2}$

⑦ $2\frac{1}{3} \div \frac{14}{15} = \frac{7}{3} \div \frac{14}{15} = \frac{{}^{1}\cancel{7} \times \cancel{15}^{5}}{\cancel{3}_{1} \times \cancel{14}_{2}} = \frac{5}{2}$

⑧ $3\frac{1}{5} \div \frac{8}{9} = \frac{16}{5} \div \frac{8}{9} = \frac{{}^{2}\cancel{16} \times 9}{5 \times \cancel{8}_{1}} = \frac{18}{5}$

⑨ $\frac{1}{6} \div 1\frac{2}{3} = \frac{1}{6} \div \frac{5}{3}$

$= \frac{1 \times 3^{1}}{{}_{2}6 \times 5}$

$= \frac{1}{10}$

⑩ $\frac{3}{7} \div 2\frac{1}{3} = \frac{3}{7} \div \frac{7}{3}$

$= \frac{3 \times 3}{7 \times 7}$

$= \frac{9}{49}$

⑪ $\frac{8}{15} \div 3\frac{1}{5} = \frac{8}{15} \div \frac{16}{5}$

$= \frac{{}^{1}8 \times 5^{1}}{{}_{3}15 \times 16_{2}}$

$= \frac{1}{6}$

⑫ $\frac{5}{7} \div 3\frac{4}{7} = \frac{5}{7} \div \frac{25}{7}$

$= \frac{{}^{1}5 \times 7^{1}}{{}_{1}7 \times 25_{5}}$

$= \frac{1}{5}$

⑬ $\frac{3}{5} \div 1\frac{1}{8} = \frac{3}{5} \div \frac{9}{8}$

$= \frac{{}^{1}3 \times 8}{5 \times 9_{3}}$

$= \frac{8}{15}$

⑭ $\frac{5}{8} \div 2\frac{1}{2} = \frac{5}{8} \div \frac{5}{2}$

$= \frac{{}^{1}5 \times 2^{1}}{{}_{4}8 \times 5_{1}}$

$= \frac{1}{4}$

⑮ $\frac{3}{8} \div 4\frac{1}{5} = \frac{3}{8} \div \frac{21}{5}$

$= \frac{{}^{1}3 \times 5}{8 \times 21_{7}}$

$= \frac{5}{56}$

⑯ $\frac{9}{14} \div 5\frac{1}{7} = \frac{9}{14} \div \frac{36}{7}$

$= \frac{{}^{1}9 \times 7^{1}}{{}_{2}14 \times 36_{4}}$

$= \frac{1}{8}$