

計算
エース

グレード 6 - 16

	年	月 日	名前		点
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分数÷分数 ④ 帯分数がある計算

1問6点 (減点法)

$$\textcircled{1} \quad 1\frac{1}{8} \div 1\frac{1}{4} = \frac{9}{8} \div \frac{5}{4} = \frac{9}{8} \times \frac{4}{5} = \frac{9 \times \cancel{4}^1}{\cancel{8}_2 \times 5} = \frac{9}{10}$$

$$\textcircled{5} \quad 1\frac{2}{9} \div 1\frac{3}{8} = \frac{11}{9} \div \frac{11}{8} = \frac{11}{9} \times \frac{8}{\cancel{11}_1} = \frac{8}{9}$$

$$\textcircled{2} \quad 1\frac{2}{5} \div 2\frac{1}{3} = \frac{7}{5} \div \frac{7}{3} = \frac{7}{5} \times \frac{3}{\cancel{7}_1} = \frac{3}{5}$$

$$\textcircled{6} \quad 2\frac{8}{9} \div 1\frac{1}{12} = \frac{26}{9} \div \frac{13}{12} = \frac{26}{9} \times \frac{12}{\cancel{13}_3} = \frac{26 \times \cancel{12}_4}{9 \times \cancel{13}_1} = \frac{8}{3}$$

$$\textcircled{3} \quad 2\frac{1}{7} \div 1\frac{7}{8} = \frac{15}{7} \div \frac{15}{8} = \frac{15}{7} \times \frac{8}{\cancel{15}_3} = \frac{8}{7}$$

$$\textcircled{7} \quad 2\frac{1}{12} \div 2\frac{2}{9} = \frac{25}{12} \div \frac{20}{9} = \frac{25}{12} \times \frac{9}{\cancel{20}_4} = \frac{25 \times \cancel{9}_3}{\cancel{12}_4 \times \cancel{20}_5} = \frac{15}{16}$$

$$\textcircled{4} \quad 1\frac{1}{10} \div 4\frac{2}{5} = \frac{11}{10} \div \frac{22}{5} = \frac{11}{10} \times \frac{5}{\cancel{22}_2} = \frac{11 \times \cancel{5}_1}{\cancel{10}_2 \times \cancel{22}_2} = \frac{1}{4}$$

$$\textcircled{8} \quad 2\frac{4}{5} \div 5\frac{5}{6} = \frac{14}{5} \div \frac{35}{6} = \frac{14}{5} \times \frac{6}{\cancel{35}_5} = \frac{14 \times \cancel{6}_2}{5 \times \cancel{35}_5} = \frac{12}{25}$$

$$\textcircled{9} \quad 1 \frac{1}{6} \div 2 \frac{1}{3} = \frac{7}{6} \div \frac{7}{3} \textcircled{13}$$

$$= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times \underset{1}{\cancel{7}}}$$

$$= \frac{1}{2}$$

$$3 \frac{2}{11} \div 2 \frac{1}{3} = \frac{35}{11} \div \frac{7}{3}$$

$$= \frac{\overset{5}{\cancel{35}} \times \overset{1}{\cancel{3}}}{11 \times \underset{1}{\cancel{7}}}$$

$$= \frac{15}{11}$$

$$\textcircled{10} \quad 3 \frac{1}{5} \div 4 \frac{4}{7} = \frac{16}{5} \div \frac{32}{7} \textcircled{14}$$

$$= \frac{\overset{1}{\cancel{16}} \times \overset{1}{\cancel{7}}}{5 \times \underset{2}{\cancel{32}}}$$

$$= \frac{7}{10}$$

$$6 \frac{1}{2} \div 5 \frac{4}{7} = \frac{13}{2} \div \frac{39}{7}$$

$$= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{7}}}{2 \times \underset{3}{\cancel{39}}}$$

$$= \frac{7}{6}$$

$$\textcircled{11} \quad 2 \frac{5}{8} \div 1 \frac{3}{11} = \frac{21}{8} \div \frac{14}{11} \textcircled{15}$$

$$= \frac{\overset{3}{\cancel{21}} \times \overset{1}{\cancel{11}}}{8 \times \underset{2}{\cancel{14}}}$$

$$= \frac{33}{16}$$

$$1 \frac{1}{15} \div 2 \frac{2}{3} = \frac{16}{15} \div \frac{8}{3}$$

$$= \frac{\overset{2}{\cancel{16}} \times \overset{1}{\cancel{3}}}{\underset{5}{\cancel{15}} \times \underset{1}{\cancel{8}}}$$

$$= \frac{2}{5}$$

$$\textcircled{12} \quad 3 \frac{3}{4} \div 2 \frac{5}{8} = \frac{15}{4} \div \frac{21}{8} \textcircled{16}$$

$$= \frac{\overset{5}{\cancel{15}} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{7}{\cancel{21}}}$$

$$= \frac{10}{7}$$

$$4 \frac{1}{6} \div 4 \frac{4}{9} = \frac{25}{6} \div \frac{40}{9}$$

$$= \frac{\overset{5}{\cancel{25}} \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}} \times \underset{8}{\cancel{40}}}$$

$$= \frac{15}{16}$$