

得点		<b>演習問題</b>	実施日	月 日	氏名
		分数とその乗除 ①			

【1】 次の計算をしなさい。

①  $\frac{2}{9} \times 4$

②  $\frac{5}{18} \times 6$

③  $3 \times \frac{5}{9}$

④  $\frac{3}{5} \times \frac{3}{4}$

⑤  $\frac{4}{7} \times \frac{7}{10}$

⑥  $\frac{15}{16} \times \frac{8}{9}$

⑦  $8 \times 3\frac{1}{2}$

⑧  $3\frac{1}{2} \times \frac{4}{7}$

⑨  $2\frac{8}{9} \times 1\frac{5}{13}$

⑩  $\frac{3}{4} \times \frac{2}{5} \times \frac{7}{9}$

⑪  $\frac{5}{8} \times 12 \times \frac{2}{25}$

⑫  $\frac{2}{5} \times 6\frac{1}{4} \times \frac{8}{15}$

【2】 次の計算をしなさい。

①  $\frac{5}{9} \div 3$

②  $\frac{6}{7} \div 3$

③  $9 \div \frac{6}{7}$

④  $6 \div \frac{1}{4}$

⑤  $\frac{3}{4} \div \frac{1}{5}$

⑥  $\frac{5}{9} \div \frac{5}{6}$

⑦  $\frac{5}{6} \div \frac{2}{3}$

⑧  $\frac{6}{7} \div \frac{5}{21}$

⑨  $\frac{3}{8} \div \frac{9}{10}$

⑩  $1\frac{7}{8} \div \frac{3}{4}$

⑪  $1\frac{8}{9} \div 2\frac{4}{15}$

⑫  $4\frac{1}{5} \div 2\frac{7}{10}$

得点		<b>演習問題〔解答〕</b>	実施日	月 日	氏名

【1】 次の計算をしなさい。

①  $\frac{2}{9} \times 4 = \frac{8}{9}$

②  $\frac{5}{18} \times 6 = \frac{5}{3} = 1\frac{2}{3}$

③  $3 \times \frac{5}{9} = \frac{5}{3} = 1\frac{2}{3}$

④  $\frac{3}{5} \times \frac{3}{4} = \frac{9}{20}$

⑤  $\frac{4}{7} \times \frac{7}{10} = \frac{2}{5}$

⑥  $\frac{15}{16} \times \frac{8}{9} = \frac{5}{6}$

⑦  $8 \times 3\frac{1}{2} = \frac{8}{1} \times \frac{7}{2} = \underline{28}$

⑧  $3\frac{1}{2} \times \frac{4}{7} = \frac{7}{2} \times \frac{4}{7} = \underline{2}$

⑨  $2\frac{8}{9} \times 1\frac{5}{13} = \frac{26}{9} \times \frac{18}{13} = \underline{4}$

⑩  $\frac{3}{4} \times \frac{2}{5} \times \frac{7}{9} = \frac{7}{30}$

⑪  $\frac{5}{8} \times 12 \times \frac{2}{25} = \frac{5}{8} \times \frac{12}{1} \times \frac{2}{25} = \frac{3}{5}$

⑫  $\frac{2}{5} \times 6\frac{1}{4} \times \frac{8}{15} = \frac{2}{5} \times \frac{25}{4} \times \frac{8}{15} = \frac{4}{3} = 1\frac{1}{3}$

【2】 次の計算をしなさい。

①  $\frac{5}{9} \div 3 = \frac{5}{9} \div \frac{3}{1} = \frac{5}{9} \times \frac{1}{3} = \frac{5}{27}$

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

③  $9 \div \frac{6}{7} = \frac{9}{1} \times \frac{7}{6} = \frac{21}{2} = 10\frac{1}{2}$

④  $6 \div \frac{1}{4} = \frac{6}{1} \times \frac{4}{1} = \underline{24}$

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

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

⑦  $\frac{5}{6} \div \frac{2}{3} = \frac{5}{6} \times \frac{3}{2} = \frac{5}{4} = 1\frac{1}{4}$

⑧  $\frac{6}{7} \div \frac{5}{21} = \frac{6}{7} \times \frac{21}{5} = \frac{18}{5} = 3\frac{3}{5}$

⑨  $\frac{3}{8} \div \frac{9}{10} = \frac{3}{8} \times \frac{10}{9} = \frac{5}{12}$

⑩  $1\frac{7}{8} \div \frac{3}{4} = \frac{15}{8} \times \frac{4}{3} = \frac{5}{2} = 2\frac{1}{2}$

⑪  $1\frac{8}{9} \div 2\frac{4}{15} = \frac{17}{9} \div \frac{34}{15} = \frac{17}{9} \times \frac{15}{34} = \frac{5}{6}$

⑫  $4\frac{1}{5} \div 2\frac{7}{10} = \frac{21}{5} \div \frac{27}{10} = \frac{21}{5} \times \frac{10}{27} = \frac{14}{9} = 1\frac{5}{9}$