

分数の乗除 1

年 組 番・氏名

$$\textcircled{1} \quad \frac{3}{4} \times 12$$

$$= \frac{3 \times 12}{4} = \frac{3 \times 3}{1} = 9$$

$$\textcircled{2} \quad \frac{12}{5} \div 4$$

$$= \frac{12}{5} \times \frac{1}{4} = \frac{12 \times 1}{5 \times 4} = \frac{3 \times 1}{5 \times 1} = \frac{3}{5}$$

$$\textcircled{3} \quad \frac{2}{5} \times \frac{1}{4}$$

$$= \frac{2 \times 1}{5 \times 4} = \frac{1 \times 1}{5 \times 2} = \frac{1}{10}$$

$$\textcircled{4} \quad \frac{3}{4} \div \frac{9}{8}$$

$$= \frac{3}{4} \times \frac{8}{9} = \frac{3 \times 8}{4 \times 9} = \frac{1 \times 2}{1 \times 3} = \frac{2}{3}$$

$$\textcircled{5} \quad \frac{5}{9} \times \frac{3}{10}$$

$$= \frac{5 \times 3}{9 \times 10} = \frac{1 \times 1}{3 \times 2} = \frac{1}{6}$$

$$\textcircled{6} \quad \frac{8}{3} \div \frac{2}{9}$$

$$= \frac{8}{3} \times \frac{9}{2} = \frac{8 \times 9}{3 \times 2} = \frac{4 \times 3}{1 \times 1} = 12$$

$$\textcircled{7} \quad \frac{2}{15} \times \frac{5}{6}$$

$$= \frac{2 \times 5}{15 \times 6} = \frac{1 \times 1}{3 \times 3} = \frac{1}{9}$$

$$\textcircled{8} \quad \frac{5}{12} \div \frac{10}{21}$$

$$= \frac{5}{12} \times \frac{21}{10} = \frac{5 \times 21}{12 \times 10} = \frac{1 \times 7}{4 \times 5} = \frac{7}{20}$$

$$\textcircled{9} \quad \frac{10}{21} \times \frac{3}{5}$$

$$= \frac{10 \times 3}{21 \times 5} = \frac{2 \times 1}{7 \times 1} = \frac{2}{7}$$

$$\textcircled{10} \quad \frac{12}{5} \div \frac{4}{15}$$

$$= \frac{12}{5} \times \frac{15}{4} = \frac{12 \times 15}{5 \times 4} = \frac{3 \times 3}{1 \times 1} = 9$$

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分数の乗除 2

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$$\textcircled{1} \quad \frac{5}{6} \times 24$$

$$= \frac{5 \times 24}{6} = \frac{5 \times 4}{1} = 20$$

$$\textcircled{2} \quad \frac{9}{4} \div 6$$

$$= \frac{9}{4} \times \frac{1}{6} = \frac{9 \times 1}{4 \times 6} = \frac{3 \times 1}{4 \times 2} = \frac{3}{8}$$

$$\textcircled{3} \quad \frac{4}{3} \times \frac{9}{8}$$

$$= \frac{4 \times 9}{3 \times 8} = \frac{1 \times 3}{1 \times 2} = \frac{3}{2}$$

$$\textcircled{4} \quad \frac{3}{10} \div \frac{1}{15}$$

$$= \frac{3}{10} \times \frac{15}{1} = \frac{3 \times 15}{10 \times 1} = \frac{3 \times 3}{2 \times 1} = \frac{9}{2}$$

$$\textcircled{5} \quad \frac{7}{12} \times \frac{4}{21}$$

$$= \frac{7 \times 4}{12 \times 21} = \frac{1 \times 1}{3 \times 3} = \frac{1}{9}$$

$$\textcircled{6} \quad \frac{9}{16} \div \frac{3}{8}$$

$$= \frac{9}{16} \times \frac{8}{3} = \frac{9 \times 8}{16 \times 3} = \frac{3 \times 1}{2 \times 1} = \frac{3}{2}$$

$$\textcircled{7} \quad \frac{5}{8} \times \frac{24}{25}$$

$$= \frac{5 \times 24}{8 \times 25} = \frac{1 \times 3}{1 \times 5} = \frac{3}{5}$$

$$\textcircled{8} \quad \frac{20}{9} \div \frac{10}{3}$$

$$= \frac{20}{9} \times \frac{3}{10} = \frac{20 \times 3}{9 \times 10} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{9} \quad \frac{14}{5} \times \frac{10}{21}$$

$$= \frac{14 \times 10}{5 \times 21} = \frac{2 \times 2}{1 \times 3} = \frac{4}{3}$$

$$\textcircled{10} \quad \frac{7}{15} \div \frac{14}{9}$$

$$= \frac{7}{15} \times \frac{9}{14} = \frac{7 \times 9}{15 \times 14} = \frac{1 \times 3}{5 \times 2} = \frac{3}{10}$$

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分数の乗除 3

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$$\textcircled{1} \frac{3}{5} \times 10$$

$$= \frac{3 \times 10}{5} = \frac{3 \times 2}{1} = 6$$

$$\textcircled{2} \frac{8}{5} \div 4$$

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

$$\textcircled{3} \frac{2}{3} \times \frac{1}{4}$$

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

$$\textcircled{4} \frac{3}{4} \div \frac{3}{8}$$

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

$$\textcircled{5} \frac{1}{6} \times \frac{3}{5}$$

$$= \frac{1 \times 3}{6 \times 5} = \frac{1 \times 1}{2 \times 5} = \frac{1}{10}$$

$$\textcircled{6} \frac{4}{3} \div \frac{2}{9}$$

$$= \frac{4}{3} \times \frac{9}{2} = \frac{4 \times 9}{3 \times 2} = \frac{2 \times 3}{1 \times 1} = 6$$

$$\textcircled{7} \frac{2}{15} \times \frac{5}{8}$$

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

$$\textcircled{8} \frac{5}{12} \div \frac{10}{9}$$

$$= \frac{5}{12} \times \frac{9}{10} = \frac{5 \times 9}{12 \times 10} = \frac{1 \times 3}{4 \times 2} = \frac{3}{8}$$

$$\textcircled{9} \frac{10}{21} \times \frac{7}{5}$$

$$= \frac{10 \times 7}{21 \times 5} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{10} \frac{8}{5} \div \frac{4}{15}$$

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

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分数の乗除 4

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$$\textcircled{1} \frac{5}{7} \times 21$$

$$= \frac{5 \times 21}{7} = \frac{5 \times 3}{1} = 15$$

$$\textcircled{2} \frac{9}{2} \div 6$$

$$= \frac{9}{2} \times \frac{1}{6} = \frac{9 \times 1}{2 \times 6} = \frac{3 \times 1}{2 \times 2} = \frac{3}{4}$$

$$\textcircled{3} \frac{4}{3} \times \frac{9}{10}$$

$$= \frac{4 \times 9}{3 \times 10} = \frac{2 \times 3}{1 \times 5} = \frac{6}{5}$$

$$\textcircled{4} \frac{3}{5} \div \frac{1}{15}$$

$$= \frac{3}{5} \times \frac{15}{1} = \frac{3 \times 15}{5 \times 1} = \frac{3 \times 3}{1 \times 1} = 9$$

$$\textcircled{5} \frac{7}{12} \times \frac{8}{21}$$

$$= \frac{7 \times 8}{12 \times 21} = \frac{1 \times 2}{3 \times 3} = \frac{2}{9}$$

$$\textcircled{6} \frac{9}{4} \div \frac{3}{8}$$

$$= \frac{9}{4} \times \frac{8}{3} = \frac{9 \times 8}{4 \times 3} = \frac{3 \times 2}{1 \times 1} = 6$$

$$\textcircled{7} \frac{15}{8} \times \frac{24}{25}$$

$$= \frac{15 \times 24}{8 \times 25} = \frac{3 \times 3}{1 \times 5} = \frac{9}{5}$$

$$\textcircled{8} \frac{5}{9} \div \frac{10}{3}$$

$$= \frac{5}{9} \times \frac{3}{10} = \frac{5 \times 3}{9 \times 10} = \frac{1 \times 1}{3 \times 2} = \frac{1}{6}$$

$$\textcircled{9} \frac{14}{5} \times \frac{10}{7}$$

$$= \frac{14 \times 10}{5 \times 7} = \frac{2 \times 2}{1 \times 1} = 4$$

$$\textcircled{10} \frac{7}{12} \div \frac{14}{9}$$

$$= \frac{7}{12} \times \frac{9}{14} = \frac{7 \times 9}{12 \times 14} = \frac{1 \times 3}{4 \times 2} = \frac{3}{8}$$

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