

分数のいろいろな計算②【四則】

ランダム

点

No.1

1. 次の計算をしなさい。

$$\textcircled{1} \quad 1 \frac{1}{5} \div 1 \frac{5}{9}$$

=

$$\textcircled{2} \quad 2 \frac{8}{9} \times \frac{6}{7}$$

=

$$\textcircled{3} \quad 2 \frac{4}{9} \div 2 \frac{1}{6}$$

=

$$\textcircled{4} \quad \frac{1}{5} \div \frac{8}{9}$$

=

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

=

$$\textcircled{6} \quad 1 \frac{2}{7} \times 1 \frac{5}{8}$$

=

2. 次の計算をしなさい。

$$\textcircled{7} \quad \frac{9}{10} + \frac{1}{8} \div \frac{9}{8} =$$

$$\textcircled{8} \quad \left(\frac{2}{5} - \frac{3}{10} \right) \times \frac{3}{8} =$$

3. 次の計算をしなさい。

$$\textcircled{9} \quad \left(\frac{1}{6} + \frac{9}{2} \right) \times 12 =$$

$$\textcircled{10} \quad \frac{3}{5} \times \frac{1}{3} + \frac{2}{5} \times \frac{1}{3} =$$

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No.2

1. 次の計算をしなさい。

$$\textcircled{1} \quad 3\frac{1}{2} \div 7\frac{1}{4}$$

=

$$\textcircled{2} \quad 3\frac{1}{3} \div 8\frac{1}{2}$$

=

$$\textcircled{3} \quad 1\frac{1}{2} \times 2\frac{3}{7}$$

=

$$\textcircled{4} \quad 1\frac{1}{2} \div 2\frac{1}{9}$$

=

$$\textcircled{5} \quad 8\frac{1}{2} \times 1\frac{5}{7}$$

=

$$\textcircled{6} \quad 9\frac{1}{2} \times 2\frac{1}{6}$$

=

2. 次の計算をしなさい。

$$\textcircled{7} \quad \frac{5}{12} + \frac{1}{2} \times \frac{3}{5} =$$

$$\textcircled{8} \quad \left(\frac{8}{7} - \frac{2}{7} \right) \times \frac{1}{2} =$$

3. 次の計算をしなさい。

$$\textcircled{9} \quad \left(\frac{3}{4} - \frac{5}{12} \right) \times 84 =$$

$$\textcircled{10} \quad \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} =$$

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No.1

ランダム

1. 次の計算をしなさい。

$$\textcircled{1} \quad 1 \frac{1}{5} \div 1 \frac{5}{9} = \frac{27}{35}$$

$$= \frac{6}{5} \div \frac{14}{9} = \frac{6}{5} \times \frac{9}{14} = \frac{27}{35}$$

$$\textcircled{2} \quad 2 \frac{8}{9} \times \frac{6}{7} = \frac{52}{21}$$

$$= \frac{26}{9} \times \frac{6}{7} = \frac{52}{21}$$

$$\textcircled{3} \quad 2 \frac{4}{9} \div 2 \frac{1}{6} = \frac{44}{39}$$

$$= \frac{22}{9} \div \frac{13}{6} = \frac{22}{9} \times \frac{6}{13} = \frac{44}{39}$$

$$\textcircled{4} \quad \frac{1}{5} \div \frac{8}{9} = \frac{9}{40}$$

$$= \frac{1}{5} \div \frac{8}{9} = \frac{1}{5} \times \frac{9}{8} = \frac{9}{40}$$

$$\textcircled{5} \quad 2 \frac{2}{7} \times 2 \frac{7}{8} = \frac{46}{7}$$

$$= \frac{16}{7} \times \frac{23}{8} = \frac{46}{7}$$

$$\textcircled{6} \quad 1 \frac{2}{7} \times 1 \frac{5}{8} = \frac{117}{56}$$

$$= \frac{9}{7} \times \frac{13}{8} = \frac{117}{56}$$

2. 次の計算をしなさい。

$$\textcircled{7} \quad \frac{9}{10} + \frac{1}{8} \div \frac{9}{8} = \frac{9}{10} + \frac{1}{9} = \frac{81}{90} + \frac{10}{90} = \frac{91}{90} \quad \frac{3}{80}$$

↑

$$\textcircled{8} \quad \left(\frac{2}{5} - \frac{3}{10} \right) \times \frac{3}{8} = \left(\frac{4}{10} - \frac{3}{10} \right) \times \frac{3}{8} = \frac{1}{10} \times \frac{3}{8}$$

3. 次の計算をしなさい。

$$\textcircled{9} \quad \left(\frac{1}{6} + \frac{9}{2} \right) \times 12 = \frac{1}{6} \times 12 + \frac{9}{2} \times 12 = 2 + 54$$

$$= 56$$

$$\textcircled{10} \quad \frac{3}{5} \times \frac{1}{3} + \frac{2}{5} \times \frac{1}{3} = \left(\frac{3}{5} + \frac{2}{5} \right) \times \frac{1}{3} = \frac{1}{3}$$

分数のいろいろな計算② 【四則】

No.2

ランダム

1. 次の計算をなさい。

$$\textcircled{1} \quad 3\frac{1}{2} \div 7\frac{1}{4} = \frac{14}{29}$$

$$= \frac{7}{2} \div \frac{29}{4} = \frac{7}{2} \times \frac{4}{29} = \frac{14}{29}$$

$$\textcircled{2} \quad 3\frac{1}{3} \div 8\frac{1}{2} = \frac{20}{51}$$

$$= \frac{10}{3} \div \frac{17}{2} = \frac{10}{3} \times \frac{2}{17} = \frac{20}{51}$$

$$\textcircled{3} \quad 1\frac{1}{2} \times 2\frac{3}{7} = \frac{51}{14}$$

$$= \frac{3}{2} \times \frac{17}{7} = \frac{51}{14}$$

$$\textcircled{4} \quad 1\frac{1}{2} \div 2\frac{1}{9} = \frac{27}{38}$$

$$= \frac{3}{2} \div \frac{19}{9} = \frac{3}{2} \times \frac{9}{19} = \frac{27}{38}$$

$$\textcircled{5} \quad 8\frac{1}{2} \times 1\frac{5}{7} = \frac{102}{7}$$

$$= \frac{17}{2} \times \frac{12}{7} = \frac{102}{7}$$

$$\textcircled{6} \quad 9\frac{1}{2} \times 2\frac{1}{6} = \frac{247}{12}$$

$$= \frac{19}{2} \times \frac{13}{6} = \frac{247}{12}$$

2. 次の計算をなさい。

$$\textcircled{7} \quad \frac{5}{12} + \frac{1}{2} \times \frac{3}{5} = \frac{5}{12} + \frac{3}{10} = \frac{25}{60} + \frac{18}{60} = \frac{43}{60} \quad \frac{3}{7}$$

↑

$$\textcircled{8} \quad \left(\frac{8}{7} - \frac{2}{7} \right) \times \frac{1}{2} = \left(\frac{8}{7} - \frac{2}{7} \right) \times \frac{1}{2} = \frac{6}{7} \times \frac{1}{2}$$

3. 次の計算をなさい。

$$\textcircled{9} \quad \left(\frac{3}{4} - \frac{5}{12} \right) \times 84 = \frac{3}{4} \times 84 - \frac{5}{12} \times 84 = 63 - 35$$

$$= 28$$

$$\textcircled{10} \quad \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} = \left(\frac{1}{2} + \frac{1}{2} \right) \times \frac{1}{2} = \frac{1}{2}$$