

(5)-1

分数といろいろな計算②

名前 \_\_\_\_\_

合格 2分 ミス0

( )分( )秒 ミス( )

1)  $\frac{5}{7} \times 0.4$

=

=

2)  $\frac{9}{10} \div 0.25$

=

=

3)  $0.63 \times 2 \frac{4}{9} \div 2.8$

=

=

4)  $\frac{1}{4} \times 0.8 \times \frac{5}{7}$

=

=

5)  $3.6 \times 1 \frac{2}{9}$

=

=

6)  $1 \frac{5}{9} \times \frac{5}{7} \times 8.1$

=

=

1)  $\frac{5}{7} \times 0.4$

=  $\frac{\cancel{5}}{7} \times \frac{\cancel{4}^2}{\cancel{10}_5}$

=  $\frac{2}{7}$

2)  $\frac{9}{10} \div 0.25$

=  $\frac{9}{\cancel{10}} \times \frac{\cancel{100}^{10} 2}{\cancel{25}_5}$

=  $\frac{18}{5} \left( 3 \frac{3}{5} \right)$

3)  $0.63 \times 2 \frac{4}{9} \div 2.8$

=  $\frac{\cancel{63}^7}{\cancel{100}^{10}} \times \frac{\cancel{22}^{11}}{\cancel{9}} \times \frac{\cancel{10}}{\cancel{28}^{14} 2}$

=  $\frac{11}{20}$

4)  $\frac{1}{4} \times 0.8 \times \frac{5}{7}$

=  $\frac{1}{\cancel{4}} \times \frac{\cancel{8}^2}{\cancel{10}^2} \times \frac{\cancel{5}}{7}$

=  $\frac{1}{7}$

5)  $3.6 \times 1 \frac{2}{9}$

=  $\frac{\cancel{36}^{42}}{\cancel{10}_5} \times \frac{11}{\cancel{9}}$

=  $\frac{22}{5} \left( 4 \frac{2}{5} \right)$

6)  $1 \frac{5}{9} \times \frac{5}{7} \times 8.1$

=  $\frac{\cancel{14}^2}{\cancel{9}} \times \frac{\cancel{5}}{\cancel{7}} \times \frac{\cancel{81}^9}{\cancel{10}^2}$

= 9

(5)-2

分数といろいろな計算②

名前 \_\_\_\_\_

合格 2分 ミス0

( )分( )秒 ミス( )

1)  $3 \frac{3}{5} \div 1.62 \div \frac{8}{15}$

1)  $3 \frac{3}{5} \div 1.62 \div \frac{8}{15}$   
 $= \frac{18}{5} \div \frac{162}{100} \div \frac{8}{15}$   
 $= \frac{18}{5} \times \frac{100}{162} \times \frac{15}{8}$   
 $= \frac{25}{6}$

2)  $0.9 \div \frac{3}{5} \times 2 \frac{1}{2}$

2)  $0.9 \div \frac{3}{5} \times 2 \frac{1}{2}$   
 $= \frac{9}{10} \times \frac{5}{3} \times \frac{5}{2}$   
 $= \frac{15}{4}$

3)  $\frac{15}{16} \times (0.5 + \frac{1}{6})$

3)  $\frac{15}{16} \times (0.5 + \frac{1}{6})$   
 $= \frac{15}{16} \times (\frac{1}{2} + \frac{1}{6})$   
 $= \frac{15}{16} \times (\frac{3}{6} + \frac{1}{6})$   
 $= \frac{15}{16} \times \frac{4}{6} = \frac{5}{8}$

4)  $1 \frac{3}{5} \div 6.3 \div \frac{4}{9}$

4)  $1 \frac{3}{5} \div 6.3 \div \frac{4}{9}$   
 $= \frac{8}{5} \times \frac{10}{63} \times \frac{9}{4}$   
 $= \frac{4}{7}$

5)  $1.5 \div \frac{6}{7} \times 0.8$

5)  $\frac{15}{10} \div \frac{6}{7} \times 0.8$   
 $= \frac{15}{10} \times \frac{7}{6} \times \frac{8}{10}$   
 $= \frac{7}{5}$

## (5)-3

## 分数といろいろな計算②

名前 \_\_\_\_\_

合格 2分 ミス0

( )分( )秒 ミス( )

$$1) \quad 2 \frac{5}{6} - \frac{6}{7} \times 1 \frac{5}{9}$$

$$2) \quad \frac{1}{14} + 1 \frac{5}{7} \div 2 \frac{1}{4}$$

$$3) \quad 1 \frac{1}{3} \times \frac{5}{6} + \frac{1}{4} \div 1 \frac{1}{8}$$

$$4) \quad \frac{3}{4} \times \frac{2}{3} - \frac{5}{6} \times \frac{2}{5}$$

$$5) \quad \frac{7}{6} + \frac{1}{2} \times \frac{2}{3} - \frac{1}{2}$$

$$1) \quad 2 \frac{5}{6} - \frac{6}{7} \times 1 \frac{5}{9}$$

$$= \frac{17}{6} - \frac{\cancel{6}^2}{\cancel{7}} \times \frac{\cancel{14}^2}{\cancel{9}^3}$$

$$= \frac{17}{6} - \frac{8}{6}$$

$$= \frac{9}{6} = \frac{3}{2}$$

$$2) \quad \frac{1}{14} + 1 \frac{5}{7} \div 2 \frac{1}{4}$$

$$= \frac{1}{14} + \frac{12}{7} \div \frac{9}{4}$$

$$= \frac{1}{14} + \frac{\cancel{12}^4}{\cancel{7}} \times \frac{\cancel{4}}{\cancel{9}^3}$$

$$= \frac{1}{14} + \frac{16}{21}$$

$$= \frac{3}{42} + \frac{32}{42} = \frac{35}{42} = \frac{5}{6}$$

$$3) \quad 1 \frac{1}{3} \times \frac{5}{6} + \frac{1}{4} \div 1 \frac{1}{8}$$

$$= \frac{\cancel{4}^2}{\cancel{3}} \times \frac{5}{\cancel{6}^3} + \frac{1}{\cancel{4}} \times \frac{\cancel{8}^2}{\cancel{9}}$$

$$= \frac{10}{9} + \frac{2}{9}$$

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

$$4) \quad \frac{\cancel{3}}{\cancel{4}^2} \times \frac{\cancel{2}^1}{\cancel{3}} - \frac{\cancel{5}}{\cancel{6}^3} \times \frac{\cancel{2}^1}{\cancel{5}}$$

$$= \frac{1}{2} - \frac{1}{3}$$

$$= \frac{3}{6} - \frac{2}{6}$$

$$= \frac{1}{6}$$

$$5) \quad \frac{7}{6} + \frac{1}{\cancel{2}} \times \frac{\cancel{2}}{3} - \frac{1}{2}$$

$$= \frac{7}{6} + \frac{1}{3} - \frac{1}{2}$$

$$= \frac{7}{6} + \frac{2}{6} - \frac{3}{6}$$

$$= 1$$