

# 正負計算 乗除三項 分数編 1の解答

1. 次の計算をなさい。

$$(1) -\frac{16}{15} \div \frac{4}{3} \div \frac{6}{25}$$

答.  $-\frac{10}{3}$

$$(2) -1 \div \frac{1}{2} \div \frac{27}{4}$$

答.  $-\frac{8}{27}$

$$(3) \frac{7}{12} \times \frac{35}{12} \times \left(-\frac{6}{5}\right)$$

答.  $-\frac{49}{24}$

$$(4) -\frac{15}{4} \div \frac{3}{14} \times \left(-\frac{1}{3}\right)$$

答.  $\frac{35}{6}$

$$(5) -\frac{8}{5} \times \frac{2}{5} \times \frac{21}{16}$$

答.  $-\frac{21}{25}$

$$(6) \frac{7}{4} \div \left(-\frac{5}{2}\right) \times \left(-\frac{3}{10}\right)$$

答.  $\frac{21}{100}$

$$(7) -\frac{2}{5} \times (-14) \times \frac{5}{4}$$

答. 7

$$(8) \frac{3}{2} \times \frac{27}{20} \div \left(-\frac{3}{4}\right)$$

答.  $-\frac{27}{10}$

$$(9) \frac{35}{8} \div \frac{5}{8} \times \left(-\frac{3}{7}\right)$$

答. -3

$$(10) -2 \div \left(-\frac{9}{2}\right) \times \left(-\frac{3}{2}\right)$$

答.  $-\frac{2}{3}$

$$(11) -\frac{35}{16} \div \frac{1}{2} \times \frac{5}{6}$$

答.  $-\frac{175}{48}$

$$(12) -\frac{1}{10} \times \frac{7}{3} \div \left(-\frac{25}{42}\right)$$

答.  $\frac{49}{125}$

$$(13) -\frac{9}{40} \times \left(-\frac{10}{27}\right) \times \frac{45}{2}$$

答.  $\frac{15}{8}$

$$(14) -\frac{15}{16} \div \left(-\frac{1}{2}\right) \times \frac{14}{3}$$

答.  $\frac{35}{4}$

$$(15) \frac{5}{12} \div \frac{35}{4} \div \left(-\frac{8}{27}\right)$$

答.  $-\frac{9}{56}$

$$(16) \frac{20}{3} \div \left(-\frac{2}{3}\right) \times \left(-\frac{5}{4}\right)$$

答.  $\frac{25}{2}$

$$(17) \frac{1}{10} \div \left(-\frac{4}{3}\right) \div \frac{9}{10}$$

答.  $-\frac{1}{12}$

$$(18) 2 \div \left(-\frac{8}{5}\right) \times \left(-\frac{2}{5}\right)$$

答.  $\frac{1}{2}$

$$(19) 2 \div \left(-\frac{15}{14}\right) \div \frac{5}{3}$$

答.  $-\frac{28}{25}$

$$(20) \frac{8}{27} \div \frac{2}{3} \div \frac{3}{7}$$

答.  $\frac{28}{27}$

## 正負計算 乗除三項 分数編 2の解答

1. 次の計算をなさい。

$$(1) -\frac{27}{5} \times \left(-\frac{1}{2}\right) \div \frac{5}{12}$$

答.  $\frac{162}{25}$

$$(2) \frac{9}{16} \times \left(-\frac{20}{9}\right) \div \frac{3}{4}$$

答.  $-\frac{5}{3}$

$$(3) \frac{7}{6} \div \frac{12}{7} \times \frac{5}{6}$$

答.  $\frac{245}{432}$

$$(4) -\frac{3}{2} \div (-5) \times \left(-\frac{7}{2}\right)$$

答.  $-\frac{21}{20}$

$$(5) \frac{5}{4} \times \left(-\frac{9}{10}\right) \div \left(-\frac{4}{3}\right)$$

答.  $\frac{27}{32}$

$$(6) \frac{8}{5} \div \left(-\frac{21}{5}\right) \times \frac{14}{9}$$

答.  $-\frac{16}{27}$

$$(7) \frac{5}{2} \times \frac{15}{4} \div \left(-\frac{3}{20}\right)$$

答.  $-\frac{125}{2}$

$$(8) \frac{3}{10} \times \frac{10}{3} \times \frac{3}{2}$$

答.  $\frac{3}{2}$

$$(9) \frac{9}{14} \div \left(-\frac{27}{8}\right) \div \left(-\frac{1}{2}\right)$$

答.  $\frac{8}{21}$

$$(10) -\frac{25}{9} \div \frac{15}{16} \times \left(-\frac{20}{21}\right)$$

答.  $\frac{1600}{567}$

$$(11) \frac{8}{5} \div \left(-\frac{3}{4}\right) \div \left(-\frac{9}{5}\right)$$

答.  $\frac{32}{27}$

$$(12) -\frac{32}{21} \div \left(-\frac{1}{4}\right) \div \left(-\frac{1}{4}\right)$$

答.  $-\frac{512}{21}$

$$(13) -1 \times \frac{27}{8} \times \frac{2}{3}$$

答.  $-\frac{9}{4}$

$$(14) \frac{2}{5} \times \frac{2}{3} \times \frac{3}{8}$$

答.  $\frac{1}{10}$

$$(15) 2 \times \left(-\frac{7}{18}\right) \times \left(-\frac{9}{2}\right)$$

答.  $\frac{7}{2}$

$$(16) \frac{2}{9} \div \left(-\frac{4}{9}\right) \times \frac{1}{3}$$

答.  $-\frac{1}{6}$

$$(17) \frac{1}{14} \div \frac{8}{3} \div \frac{15}{32}$$

答.  $\frac{2}{35}$

$$(18) -4 \times \left(-\frac{2}{7}\right) \div \left(-\frac{9}{2}\right)$$

答.  $-\frac{16}{63}$

$$(19) -3 \div \left(-\frac{10}{3}\right) \div \left(-\frac{3}{8}\right)$$

答.  $-\frac{12}{5}$

$$(20) \frac{3}{8} \times (-3) \div \frac{16}{5}$$

答.  $-\frac{45}{128}$

# 正負計算 乗除三項 分数編 3の解答

1. 次の計算をなさい。

$$(1) \frac{3}{4} \div \frac{2}{3} \div \left(-\frac{27}{8}\right)$$

答.  $-\frac{1}{3}$

$$(2) \frac{3}{2} \times \frac{4}{3} \times \left(-\frac{35}{4}\right)$$

答.  $-\frac{35}{2}$

$$(3) -\frac{20}{3} \times \left(-\frac{9}{7}\right) \div \frac{16}{5}$$

答.  $\frac{75}{28}$

$$(4) \frac{1}{4} \div \left(-\frac{6}{25}\right) \div \frac{5}{3}$$

答.  $-\frac{5}{8}$

$$(5) -\frac{18}{35} \times (-3) \div \left(-\frac{25}{18}\right)$$

答.  $-\frac{972}{875}$

$$(6) -3 \div \frac{1}{18} \times \left(-\frac{9}{20}\right)$$

答.  $\frac{243}{10}$

$$(7) -\frac{27}{4} \div \frac{6}{5} \times \left(-\frac{15}{4}\right)$$

答.  $\frac{675}{32}$

$$(8) -\frac{9}{14} \div \left(-\frac{8}{5}\right) \div \left(-\frac{25}{8}\right)$$

答.  $-\frac{9}{70}$

$$(9) -\frac{7}{12} \times \left(-\frac{3}{20}\right) \times \frac{35}{2}$$

答.  $\frac{49}{32}$

$$(10) -\frac{9}{4} \div \frac{1}{5} \times \left(-\frac{9}{8}\right)$$

答.  $\frac{405}{32}$

$$(11) -\frac{20}{9} \div \frac{4}{7} \div \left(-\frac{15}{4}\right)$$

答.  $\frac{28}{27}$

$$(12) -\frac{16}{3} \div \frac{8}{35} \div \left(-\frac{10}{9}\right)$$

答. 21

$$(13) -\frac{3}{7} \div \frac{2}{3} \div \frac{27}{10}$$

答.  $-\frac{5}{21}$

$$(14) \frac{8}{15} \times \left(-\frac{35}{6}\right) \times \frac{4}{3}$$

答.  $-\frac{112}{27}$

$$(15) \frac{7}{18} \times \left(-\frac{25}{24}\right) \div \frac{12}{35}$$

答.  $-\frac{6125}{5184}$

$$(16) -\frac{1}{12} \div \left(-\frac{7}{12}\right) \div \frac{16}{9}$$

答.  $\frac{9}{112}$

$$(17) 2 \times \left(-\frac{3}{4}\right) \div \left(-\frac{25}{9}\right)$$

答.  $\frac{27}{50}$

$$(18) -\frac{14}{15} \times \frac{25}{8} \times \left(-\frac{8}{3}\right)$$

答.  $\frac{70}{9}$

$$(19) -\frac{2}{15} \div \left(-\frac{2}{3}\right) \div \left(-\frac{14}{9}\right)$$

答.  $-\frac{9}{70}$

$$(20) -\frac{5}{12} \times \left(-\frac{6}{5}\right) \div \left(-\frac{12}{7}\right)$$

答.  $-\frac{7}{24}$

# 正負計算 乗除三項 分数編 4の解答

1. 次の計算をなさい。

$$(1) \frac{5}{4} \times \frac{4}{21} \div \frac{1}{8}$$

答.  $\frac{40}{21}$

$$(2) -\frac{1}{3} \times \frac{8}{5} \times \left(-\frac{7}{6}\right)$$

答.  $\frac{28}{45}$

$$(3) -\frac{10}{3} \times \left(-\frac{3}{8}\right) \times \frac{35}{18}$$

答.  $\frac{175}{72}$

$$(4) -\frac{15}{2} \div \left(-\frac{5}{24}\right) \div \frac{7}{6}$$

答.  $\frac{216}{7}$

$$(5) \frac{2}{9} \times (-2) \times \frac{2}{3}$$

答.  $-\frac{8}{27}$

$$(6) -\frac{8}{3} \div \left(-\frac{16}{3}\right) \div \frac{3}{8}$$

答.  $\frac{4}{3}$

$$(7) \frac{7}{5} \times \frac{7}{6} \div \frac{5}{9}$$

答.  $\frac{147}{50}$

$$(8) -\frac{2}{5} \times \frac{5}{6} \div \frac{9}{16}$$

答.  $-\frac{16}{27}$

$$(9) \frac{3}{4} \div \left(-\frac{3}{14}\right) \times \frac{21}{8}$$

答.  $-\frac{147}{16}$

$$(10) 4 \times \left(-\frac{2}{5}\right) \times \left(-\frac{15}{4}\right)$$

答. 6

$$(11) -\frac{21}{16} \times \left(-\frac{4}{15}\right) \times \left(-\frac{8}{3}\right)$$

答.  $-\frac{14}{15}$

$$(12) -\frac{1}{15} \div \frac{5}{8} \times \frac{8}{5}$$

答.  $-\frac{64}{375}$

$$(13) -\frac{5}{16} \times \left(-\frac{8}{15}\right) \div \frac{9}{2}$$

答.  $\frac{1}{27}$

$$(14) \frac{1}{3} \times \left(-\frac{16}{15}\right) \div \frac{27}{7}$$

答.  $-\frac{112}{1215}$

$$(15) -1 \times \left(-\frac{27}{16}\right) \times \left(-\frac{2}{21}\right)$$

答.  $-\frac{9}{56}$

$$(16) -\frac{3}{16} \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right)$$

答.  $-\frac{1}{3}$

$$(17) \frac{1}{4} \div \left(-\frac{3}{5}\right) \times \left(-\frac{10}{3}\right)$$

答.  $\frac{25}{18}$

$$(18) -\frac{1}{6} \times 10 \div \frac{9}{10}$$

答.  $-\frac{50}{27}$

$$(19) -\frac{5}{12} \div \frac{1}{6} \times \frac{6}{7}$$

答.  $-\frac{15}{7}$

$$(20) -\frac{9}{2} \times \left(-\frac{35}{3}\right) \times \left(-\frac{1}{5}\right)$$

答.  $-\frac{21}{2}$

# 正負計算 乗除三項 分数編 5の解答

1. 次の計算をなさい。

$$(1) \frac{2}{25} \times 14 \div \frac{45}{16}$$

答.  $\frac{448}{1125}$

$$(2) -\frac{5}{4} \times \left(-\frac{6}{25}\right) \times \left(-\frac{5}{4}\right)$$

答.  $-\frac{3}{8}$

$$(3) \frac{3}{4} \times (-1) \times \left(-\frac{35}{6}\right)$$

答.  $\frac{35}{8}$

$$(4) \frac{5}{2} \times \left(-\frac{6}{7}\right) \times \left(-\frac{6}{5}\right)$$

答.  $\frac{18}{7}$

$$(5) -\frac{27}{10} \div \frac{1}{2} \times \frac{2}{5}$$

答.  $-\frac{54}{25}$

$$(6) \frac{14}{5} \div \frac{24}{5} \div \left(-\frac{5}{24}\right)$$

答.  $-\frac{14}{5}$

$$(7) -\frac{5}{18} \times \left(-\frac{2}{3}\right) \div \frac{2}{5}$$

答.  $\frac{25}{54}$

$$(8) -\frac{8}{3} \div \frac{6}{5} \times \frac{5}{2}$$

答.  $-\frac{50}{9}$

$$(9) -\frac{15}{16} \times \frac{4}{21} \div \frac{6}{5}$$

答.  $-\frac{25}{168}$

$$(10) \frac{7}{8} \times \frac{5}{2} \div \left(-\frac{1}{5}\right)$$

答.  $-\frac{175}{16}$

$$(11) -\frac{18}{5} \times \left(-\frac{5}{8}\right) \div \left(-\frac{1}{2}\right)$$

答.  $-\frac{9}{2}$

$$(12) \frac{5}{3} \div 16 \div \left(-\frac{10}{9}\right)$$

答.  $-\frac{3}{32}$

$$(13) \frac{9}{10} \div \frac{5}{6} \times \frac{21}{20}$$

答.  $\frac{567}{500}$

$$(14) -\frac{4}{3} \div \left(-\frac{4}{5}\right) \times \left(-\frac{5}{3}\right)$$

答.  $-\frac{25}{9}$

$$(15) -\frac{5}{3} \div 2 \div \left(-\frac{5}{6}\right)$$

答. 1

$$(16) \frac{3}{8} \times \frac{3}{14} \times \frac{4}{9}$$

答.  $\frac{1}{28}$

$$(17) -\frac{8}{7} \times \left(-\frac{25}{24}\right) \div \left(-\frac{12}{35}\right)$$

答.  $-\frac{125}{36}$

$$(18) -\frac{2}{3} \div \left(-\frac{4}{9}\right) \times \left(-\frac{1}{2}\right)$$

答.  $-\frac{3}{4}$

$$(19) \frac{18}{35} \times \frac{25}{4} \times \frac{2}{5}$$

答.  $\frac{9}{7}$

$$(20) -\frac{25}{24} \times \left(-\frac{3}{4}\right) \times \frac{8}{5}$$

答.  $\frac{5}{4}$