

# 正負計算 加減三項 分数編 1の解答

1. 次の計算をなさい。

$$(1) -\frac{5}{4} - \left(-\frac{1}{12}\right) + \left(-\frac{3}{4}\right)$$

答.  $-\frac{23}{12}$

$$(2) -\frac{5}{3} + 5 + \frac{4}{5}$$

答.  $\frac{62}{15}$

$$(3) \frac{5}{3} + \left(-\frac{5}{3}\right) - \frac{1}{12}$$

答.  $-\frac{1}{12}$

$$(4) -4 - \left(-\frac{2}{7}\right) + \frac{1}{7}$$

答.  $-\frac{25}{7}$

$$(5) -\frac{3}{2} - \frac{3}{5} + \frac{5}{2}$$

答.  $\frac{2}{5}$

$$(6) \frac{1}{2} + \frac{2}{3} + \left(-\frac{1}{3}\right)$$

答.  $\frac{5}{6}$

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

答.  $\frac{9}{2}$

$$(8) \frac{5}{4} + \frac{5}{2} + \frac{3}{4}$$

答.  $\frac{9}{2}$

$$(9) -\frac{2}{3} - \left(-\frac{1}{12}\right) + \left(-\frac{5}{6}\right)$$

答.  $-\frac{17}{12}$

$$(10) \frac{5}{4} + \frac{5}{2} - \frac{5}{8}$$

答.  $\frac{25}{8}$

$$(11) \frac{1}{8} + \left(-\frac{1}{4}\right) - \left(-\frac{5}{8}\right)$$

答.  $\frac{1}{2}$

$$(12) -3 + \left(-\frac{5}{4}\right) + \left(-\frac{3}{2}\right)$$

答.  $-\frac{23}{4}$

$$(13) \frac{1}{3} - \left(-\frac{5}{8}\right) - \left(-\frac{3}{4}\right)$$

答.  $\frac{41}{24}$

$$(14) -\frac{1}{2} + 1 + \left(-\frac{5}{8}\right)$$

答.  $-\frac{1}{8}$

$$(15) -\frac{5}{2} - \frac{1}{7} - \left(-\frac{5}{8}\right)$$

答.  $-\frac{113}{56}$

$$(16) -\frac{1}{12} + \left(-\frac{3}{4}\right) + \frac{5}{12}$$

答.  $-\frac{5}{12}$

$$(17) -\frac{2}{5} + \frac{5}{3} - \left(-\frac{4}{3}\right)$$

答.  $\frac{13}{5}$

$$(18) -\frac{3}{7} - 4 + \frac{5}{2}$$

答.  $-\frac{27}{14}$

$$(19) \frac{1}{4} - \frac{3}{2} - \left(-\frac{1}{8}\right)$$

答.  $-\frac{9}{8}$

$$(20) \frac{5}{8} + 4 - \left(-\frac{3}{2}\right)$$

答.  $\frac{49}{8}$

## 正負計算 加減三項 分数編 2の解答

1. 次の計算をなさい。

$$(1) \frac{1}{8} - \left(-\frac{5}{2}\right) + \frac{1}{6}$$

答.  $\frac{67}{24}$

$$(2) -\frac{5}{3} + \frac{5}{6} - \frac{5}{9}$$

答.  $-\frac{25}{18}$

$$(3) -\frac{5}{4} - \frac{4}{7} + \frac{3}{7}$$

答.  $-\frac{39}{28}$

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

答.  $\frac{121}{42}$

$$(5) 5 + \frac{5}{7} - \frac{3}{2}$$

答.  $\frac{59}{14}$

$$(6) -\frac{5}{8} + \left(-\frac{3}{8}\right) + \left(-\frac{3}{2}\right)$$

答.  $-\frac{5}{2}$

$$(7) \frac{6}{5} + \frac{3}{2} - \left(-\frac{5}{6}\right)$$

答.  $\frac{53}{15}$

$$(8) -\frac{5}{12} - \left(-\frac{5}{8}\right) - \left(-\frac{1}{12}\right)$$

答.  $\frac{7}{24}$

$$(9) \frac{2}{7} - \left(-\frac{5}{3}\right) - \left(-\frac{5}{7}\right)$$

答.  $\frac{8}{3}$

$$(10) \frac{3}{2} + (-2) - \left(-\frac{5}{6}\right)$$

答.  $\frac{1}{3}$

$$(11) \frac{1}{15} + \frac{1}{20} + \left(-\frac{4}{15}\right)$$

答.  $-\frac{3}{20}$

$$(12) 5 - \left(-\frac{1}{7}\right) - \frac{6}{5}$$

答.  $\frac{138}{35}$

$$(13) \frac{5}{4} + \frac{2}{7} + \left(-\frac{1}{3}\right)$$

答.  $\frac{101}{84}$

$$(14) -\frac{5}{2} + 6 + \frac{4}{3}$$

答.  $\frac{29}{6}$

$$(15) -\frac{3}{7} - \left(-\frac{4}{7}\right) - \left(-\frac{1}{6}\right)$$

答.  $\frac{13}{42}$

$$(16) \frac{2}{3} - \frac{5}{8} - \left(-\frac{1}{3}\right)$$

答.  $\frac{3}{8}$

$$(17) \frac{4}{9} - \frac{1}{6} - \left(-\frac{5}{3}\right)$$

答.  $\frac{35}{18}$

$$(18) -\frac{1}{3} + \frac{1}{6} - \frac{3}{7}$$

答.  $-\frac{25}{42}$

$$(19) -\frac{2}{3} - \frac{1}{4} + \frac{4}{7}$$

答.  $-\frac{29}{84}$

$$(20) -\frac{3}{16} + \frac{1}{12} + \left(-\frac{5}{12}\right)$$

答.  $-\frac{25}{48}$

# 正負計算 加減三項 分数編 3の解答

1. 次の計算をなさい。

$$(1) \frac{5}{2} - \frac{5}{2} - \frac{3}{7}$$

答.  $-\frac{3}{7}$

$$(2) -\frac{5}{6} - \left(-\frac{2}{9}\right) - \frac{5}{3}$$

答.  $-\frac{41}{18}$

$$(3) 5 + \left(-\frac{1}{5}\right) + \frac{1}{7}$$

答.  $\frac{173}{35}$

$$(4) -\frac{1}{4} - \frac{3}{8} + \left(-\frac{3}{16}\right)$$

答.  $-\frac{13}{16}$

$$(5) -\frac{5}{4} + \left(-\frac{3}{2}\right) + \left(-\frac{5}{2}\right)$$

答.  $-\frac{21}{4}$

$$(6) \frac{2}{3} + 5 - \frac{1}{2}$$

答.  $\frac{31}{6}$

$$(7) \frac{5}{12} + \frac{5}{9} + \frac{2}{9}$$

答.  $\frac{43}{36}$

$$(8) 6 - \left(-\frac{2}{5}\right) + \left(-\frac{5}{6}\right)$$

答.  $\frac{167}{30}$

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

答.  $\frac{19}{5}$

$$(10) -\frac{1}{3} - \left(-\frac{1}{5}\right) - \frac{2}{3}$$

答.  $-\frac{4}{5}$

$$(11) \frac{4}{5} + 1 - \left(-\frac{1}{7}\right)$$

答.  $\frac{68}{35}$

$$(12) -\frac{3}{16} + \frac{1}{12} - \frac{3}{16}$$

答.  $-\frac{7}{24}$

$$(13) -\frac{2}{3} + \left(-\frac{1}{7}\right) + \left(-\frac{3}{2}\right)$$

答.  $-\frac{97}{42}$

$$(14) -\frac{5}{12} - \frac{5}{16} + \left(-\frac{3}{8}\right)$$

答.  $-\frac{53}{48}$

$$(15) \frac{2}{3} + \left(-\frac{4}{3}\right) + \left(-\frac{1}{9}\right)$$

答.  $-\frac{7}{9}$

$$(16) \frac{2}{9} + \frac{5}{9} - \left(-\frac{2}{3}\right)$$

答.  $\frac{13}{9}$

$$(17) \frac{5}{3} + \left(-\frac{1}{12}\right) - \frac{5}{12}$$

答.  $\frac{7}{6}$

$$(18) -\frac{1}{8} - \left(-\frac{1}{8}\right) + \left(-\frac{3}{4}\right)$$

答.  $-\frac{3}{4}$

$$(19) \frac{1}{8} + \frac{5}{4} + \left(-\frac{1}{4}\right)$$

答.  $\frac{9}{8}$

$$(20) -\frac{3}{10} - \frac{3}{20} + \frac{2}{5}$$

答.  $-\frac{1}{20}$

# 正負計算 加減三項 分数編 4の解答

1. 次の計算をなさい。

$$(1) \frac{5}{8} - \left(-\frac{1}{12}\right) + \frac{1}{8}$$

答.  $\frac{5}{6}$

$$(2) -\frac{2}{3} + \left(-\frac{1}{6}\right) + \frac{2}{5}$$

答.  $-\frac{13}{30}$

$$(3) -\frac{3}{4} - \frac{2}{7} + \frac{1}{7}$$

答.  $-\frac{25}{28}$

$$(4) \frac{2}{7} + \frac{5}{7} - \frac{1}{4}$$

答.  $\frac{3}{4}$

$$(5) -6 - \left(-\frac{5}{7}\right) + \left(-\frac{1}{4}\right)$$

答.  $-\frac{155}{28}$

$$(6) \frac{3}{8} - \left(-\frac{5}{6}\right) + \left(-\frac{5}{8}\right)$$

答.  $\frac{7}{12}$

$$(7) \frac{3}{20} + \left(-\frac{1}{10}\right) - \left(-\frac{2}{15}\right)$$

答.  $\frac{11}{60}$

$$(8) -\frac{6}{5} - \frac{2}{15} + \left(-\frac{1}{10}\right)$$

答.  $-\frac{43}{30}$

$$(9) -\frac{5}{6} - \frac{4}{9} + \frac{1}{12}$$

答.  $-\frac{43}{36}$

$$(10) \frac{1}{3} + \frac{1}{6} - \frac{5}{8}$$

答.  $-\frac{1}{8}$

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

答.  $-\frac{73}{24}$

$$(12) -\frac{3}{2} - \frac{1}{4} - \frac{1}{4}$$

答.  $-2$

$$(13) -\frac{3}{2} - \left(-\frac{1}{6}\right) - \left(-\frac{5}{6}\right)$$

答.  $-\frac{1}{2}$

$$(14) \frac{1}{8} - \left(-\frac{1}{7}\right) - \left(-\frac{5}{4}\right)$$

答.  $\frac{85}{56}$

$$(15) \frac{4}{7} + 6 + \frac{6}{5}$$

答.  $\frac{272}{35}$

$$(16) \frac{3}{8} - \frac{5}{7} + \frac{3}{8}$$

答.  $\frac{1}{28}$

$$(17) -\frac{6}{7} - \left(-\frac{6}{5}\right) - \left(-\frac{3}{2}\right)$$

答.  $\frac{129}{70}$

$$(18) -\frac{3}{2} - \left(-\frac{3}{2}\right) - \frac{1}{6}$$

答.  $-\frac{1}{6}$

$$(19) \frac{1}{6} - \frac{5}{9} - \frac{4}{3}$$

答.  $-\frac{31}{18}$

$$(20) \frac{2}{3} + \frac{5}{3} - \frac{1}{6}$$

答.  $\frac{13}{6}$

# 正負計算 加減三項 分数編 5の解答

1. 次の計算をなさい。

$$(1) \frac{1}{3} + \left(-\frac{1}{9}\right) - \left(-\frac{5}{3}\right)$$

答.  $\frac{17}{9}$

$$(2) -\frac{4}{7} - \left(-\frac{1}{4}\right) + \frac{1}{7}$$

答.  $-\frac{5}{28}$

$$(3) \frac{2}{5} + \left(-\frac{5}{8}\right) - \left(-\frac{3}{2}\right)$$

答.  $\frac{51}{40}$

$$(4) -\frac{2}{3} + \left(-\frac{2}{3}\right) - \left(-\frac{2}{9}\right)$$

答.  $-\frac{10}{9}$

$$(5) -\frac{1}{8} - \left(-\frac{5}{4}\right) + \frac{3}{2}$$

答.  $\frac{21}{8}$

$$(6) -\frac{5}{8} + \left(-\frac{5}{16}\right) - \frac{5}{8}$$

答.  $-\frac{25}{16}$

$$(7) -\frac{1}{4} + \left(-\frac{1}{2}\right) + \left(-\frac{2}{3}\right)$$

答.  $-\frac{17}{12}$

$$(8) \frac{1}{7} + (-6) - \frac{1}{8}$$

答.  $-\frac{335}{56}$

$$(9) -\frac{5}{4} - \left(-\frac{1}{8}\right) - \left(-\frac{2}{3}\right)$$

答.  $-\frac{11}{24}$

$$(10) -\frac{4}{5} - \left(-\frac{1}{15}\right) + \frac{3}{20}$$

答.  $-\frac{7}{12}$

$$(11) -2 + \frac{3}{7} - \frac{5}{6}$$

答.  $-\frac{101}{42}$

$$(12) \frac{2}{5} + 4 - \left(-\frac{5}{6}\right)$$

答.  $\frac{157}{30}$

$$(13) -\frac{1}{6} + \left(-\frac{3}{8}\right) - \frac{1}{6}$$

答.  $-\frac{17}{24}$

$$(14) -\frac{1}{8} - \left(-\frac{5}{2}\right) - \left(-\frac{3}{2}\right)$$

答.  $\frac{31}{8}$

$$(15) \frac{5}{12} - \frac{1}{4} - \frac{5}{8}$$

答.  $-\frac{11}{24}$

$$(16) -\frac{3}{20} + \frac{4}{15} + \left(-\frac{1}{20}\right)$$

答.  $\frac{1}{15}$

$$(17) -\frac{5}{8} - \left(-\frac{3}{4}\right) - \left(-\frac{3}{8}\right)$$

答.  $\frac{1}{2}$

$$(18) \frac{4}{5} + \frac{3}{20} - \frac{4}{5}$$

答.  $\frac{3}{20}$

$$(19) \frac{1}{12} + \left(-\frac{5}{6}\right) - \left(-\frac{2}{3}\right)$$

答.  $-\frac{1}{12}$

$$(20) \frac{5}{16} - \frac{5}{16} - \frac{5}{4}$$

答.  $-\frac{5}{4}$