

正負の四則演算・応用 No.1

1. 次の計算をなさい。

$$(1) \left(-\frac{3}{4}\right) + \left(-\frac{1}{12}\right) \times \frac{6}{5}$$

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

$$(3) \left(-\frac{1}{10}\right) \div \frac{4}{5} + \frac{3}{2}$$

$$(4) \frac{4}{9} \div \left(-\frac{1}{6}\right) + \left(-\frac{4}{3}\right)$$

$$(5) 3 - \frac{1}{5} \div \left(-\frac{9}{10}\right)$$

$$(6) (-2) + \frac{4}{3} \times \left(-\frac{1}{8}\right)$$

$$(7) \left(-\frac{7}{12}\right) \div \frac{5}{6} - \left(-\frac{1}{4}\right)$$

$$(8) \left(-\frac{1}{6}\right) \times \left(-\frac{9}{7}\right) + \left(-\frac{1}{2}\right)$$

$$(9) \left(-\frac{1}{4}\right) - (-6) \times \frac{5}{12}$$

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

2. 次の計算をしなさい。

$$(1) \frac{4}{3} \times (-1) + \left(-\frac{5}{6}\right) \times (-6)$$

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

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

$$(4) \left(-\frac{3}{2}\right) \div \left(-\frac{3}{5}\right) + \frac{1}{2} \times (-6)$$

$$(5) \left(-\frac{4}{3}\right) \times 1 - 2 \div (-6)$$

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

$$(7) \left(-\frac{8}{15}\right) \times \left(-\frac{6}{5}\right) - \left(-\frac{3}{5}\right) \times \frac{3}{5}$$

$$(8) \frac{3}{5} \div \frac{1}{3} - \frac{6}{5} \div \left(-\frac{3}{5}\right)$$

$$(9) (-3) \div \left(-\frac{1}{2}\right) - (-6) \times \left(-\frac{2}{3}\right)$$

$$(10) \left(-\frac{2}{3}\right) \div \frac{1}{4} - \left(-\frac{2}{3}\right) \times \frac{1}{2}$$

3. 次の計算をなさい。

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

$$(2) 1^2 - \left(-\frac{2}{9}\right) \div \frac{5}{6}$$

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

$$(4) 4^2 - \frac{3}{5} \div \left(-\frac{1}{10}\right)$$

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

$$(6) \left(-\frac{9}{4}\right) \times \frac{1}{6} - 2^2$$

$$(7) \left(-\frac{1}{4}\right) \div \frac{1}{6} - \left(\frac{1}{2}\right)^2$$

$$(8) \frac{7}{8} \div \left(-\frac{3}{4}\right) + \left(\frac{1}{2}\right)^2$$

$$(9) \left(-\frac{1}{4}\right) \times \frac{10}{9} + \left(-\frac{3}{2}\right)^2$$

$$(10) 1^2 - \frac{5}{6} \div \left(-\frac{1}{10}\right)$$

4. 次の計算をなさい。

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

$$(2) 2^2 + \frac{9}{7} \times \left(-\frac{5}{6}\right)$$

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

$$(4) \frac{1}{6} \div \left(-\frac{1}{4}\right) + \left(-\frac{4}{3}\right)^2$$

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

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

$$(7) \left(-\frac{5}{2}\right) \times \frac{3}{10} + \frac{1}{2}$$

$$(8) \left(-\frac{6}{5}\right) \times \left(-\frac{1}{2}\right) + 4 \div (-5)$$

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

$$(10) \frac{1}{6} \div \left(-\frac{5}{12}\right) - \frac{1}{2}$$

正負の四則演算・応用 No.1

1. 次の計算をなさい。

$$(1) \left(-\frac{3}{4}\right) + \left(-\frac{1}{12}\right) \times \frac{6}{5}$$
$$\underline{\underline{\frac{17}{20}}}$$

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

$$(3) \left(-\frac{1}{10}\right) \div \frac{4}{5} + \frac{3}{2}$$
$$\underline{\underline{\frac{11}{8}}}$$

$$(4) \frac{4}{9} \div \left(-\frac{1}{6}\right) + \left(-\frac{4}{3}\right)$$
$$\underline{\underline{-4}}$$

$$(5) 3 - \frac{1}{5} \div \left(-\frac{9}{10}\right)$$
$$\underline{\underline{\frac{29}{9}}}$$

$$(6) (-2) + \frac{4}{3} \times \left(-\frac{1}{8}\right)$$
$$\underline{\underline{\frac{13}{6}}}$$

$$(7) \left(-\frac{7}{12}\right) \div \frac{5}{6} - \left(-\frac{1}{4}\right)$$
$$\underline{\underline{\frac{9}{20}}}$$

$$(8) \left(-\frac{1}{6}\right) \times \left(-\frac{9}{7}\right) + \left(-\frac{1}{2}\right)$$
$$\underline{\underline{\frac{2}{7}}}$$

$$(9) \left(-\frac{1}{4}\right) - (-6) \times \frac{5}{12}$$
$$\underline{\underline{\frac{9}{4}}}$$

$$(10) \left(-\frac{1}{10}\right) \div \left(-\frac{2}{5}\right) - 1$$
$$\underline{\underline{\frac{3}{4}}}$$

2. 次の計算をなさい。

$$(1) \frac{4}{3} \times (-1) + \left(-\frac{5}{6}\right) \times (-6)$$
$$\frac{11}{3}$$

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

$$(3) \frac{1}{3} \div \left(-\frac{1}{6}\right) + 3 \times 2$$
$$4$$

$$(4) \left(-\frac{3}{2}\right) \div \left(-\frac{3}{5}\right) + \frac{1}{2} \times (-6)$$
$$-\frac{1}{2}$$

$$(5) \left(-\frac{4}{3}\right) \times 1 - 2 \div (-6)$$
$$-1$$

$$(6) \frac{4}{3} \times (-2) - (-2) \div \frac{6}{5}$$
$$-1$$

$$(7) \left(-\frac{8}{15}\right) \times \left(-\frac{6}{5}\right) - \left(-\frac{3}{5}\right) \times \frac{3}{5}$$
$$1$$

$$(8) \frac{3}{5} \div \frac{1}{3} - \frac{6}{5} \div \left(-\frac{3}{5}\right)$$
$$\frac{19}{5}$$

$$(9) (-3) \div \left(-\frac{1}{2}\right) - (-6) \times \left(-\frac{2}{3}\right)$$
$$2$$

$$(10) \left(-\frac{2}{3}\right) \div \frac{1}{4} - \left(-\frac{2}{3}\right) \times \frac{1}{2}$$
$$-\frac{7}{3}$$

3. 次の計算をなさい。

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

**-10**

$$(2) 1^2 - \left(-\frac{2}{9}\right) \div \frac{5}{6}$$

**$\frac{19}{15}$**

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

**6**

$$(4) 4^2 - \frac{3}{5} \div \left(-\frac{1}{10}\right)$$

**22**

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

**$-\frac{5}{4}$**

$$(6) \left(-\frac{9}{4}\right) \times \frac{1}{6} - 2^2$$

**$-\frac{35}{8}$**

$$(7) \left(-\frac{1}{4}\right) \div \frac{1}{6} - \left(\frac{1}{2}\right)^2$$

**$-\frac{7}{4}$**

$$(8) \frac{7}{8} \div \left(-\frac{3}{4}\right) + \left(\frac{1}{2}\right)^2$$

**$-\frac{11}{12}$**

$$(9) \left(-\frac{1}{4}\right) \times \frac{10}{9} + \left(-\frac{3}{2}\right)^2$$

**$\frac{71}{36}$**

$$(10) 1^2 - \frac{5}{6} \div \left(-\frac{1}{10}\right)$$

**$\frac{28}{3}$**

4. 次の計算をなさい。

$$(1) \left(-\frac{3}{10}\right) \times \frac{5}{4} + (-1)$$
$$\underline{\underline{-\frac{11}{8}}}$$

$$(2) 2^2 + \frac{9}{7} \times \left(-\frac{5}{6}\right)$$
$$\underline{\underline{\frac{41}{14}}}$$

$$(3) \frac{3}{4} \div \left(-\frac{1}{8}\right) - 3^2$$
$$\underline{\underline{-15}}$$

$$(4) \frac{1}{6} \div \left(-\frac{1}{4}\right) + \left(-\frac{4}{3}\right)^2$$
$$\underline{\underline{\frac{10}{9}}}$$

$$(5) \frac{1}{2} \div \frac{1}{2} - (-6) \div (-1)$$
$$\underline{\underline{-5}}$$

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

$$(7) \left(-\frac{5}{2}\right) \times \frac{3}{10} + \frac{1}{2}$$
$$\underline{\underline{-\frac{1}{4}}}$$

$$(8) \left(-\frac{6}{5}\right) \times \left(-\frac{1}{2}\right) + 4 \div (-5)$$
$$\underline{\underline{-\frac{1}{5}}}$$

$$(9) 3 - \left(-\frac{3}{4}\right) \times 8$$
$$\underline{\underline{9}}$$

$$(10) \frac{1}{6} \div \left(-\frac{5}{12}\right) - \frac{1}{2}$$
$$\underline{\underline{-\frac{9}{10}}}$$