



1. 次の数の逆数をもとめなさい。

(1) $\frac{3}{2}$

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

(3) -7

(1) $\frac{2}{3}$

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

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

2. 次の計算をしなさい。

(1) $(-3) \div \frac{3}{5}$

$(-3) \times \frac{5}{3} = -5$

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

$\frac{5}{8} \times \left(-\frac{2}{7}\right) = -\frac{5}{28}$

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

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

(4) $7 \div \left(-\frac{8}{3}\right)$

$7 \times \left(-\frac{3}{8}\right) = -\frac{21}{8}$

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

$\frac{3}{7} \times \left(-\frac{1}{6}\right) = -\frac{1}{14}$

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

$(-5) \times \left(-\frac{6}{7}\right) = \frac{30}{7}$

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

$\left(-\frac{4}{5}\right) \times \frac{7}{6} \times \left(-\frac{5}{3}\right) = \frac{14}{9}$

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

$5 \times \left(-\frac{2}{7}\right) \times \left(\frac{6}{5}\right) = -\frac{12}{7}$

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

$\left(-\frac{3}{4}\right) \times \left(-\frac{5}{9}\right) \times \left(-\frac{2}{5}\right) = -\frac{1}{6}$

(10) $\frac{9}{4} \div (-5) \div \frac{3}{2} \times \frac{5}{2}$

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

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

$\left(-\frac{3}{7}\right) \times \frac{6}{5} \times \left(-\frac{7}{3}\right) \times \left(-\frac{1}{4}\right) = -\frac{3}{10}$

(12) $(-3) \div \left(-\frac{1}{8}\right) \times \left(-\frac{6}{7}\right) \div 4$

$(-3) \times (-8) \times \left(-\frac{6}{7}\right) \times \left(\frac{1}{4}\right) = -\frac{36}{7}$

(1) -5

(2) $-\frac{5}{28}$

(3) $\frac{2}{9}$

(4) $-\frac{21}{8}$

(5) $-\frac{1}{14}$

(6) $\frac{30}{7}$

(7) $\frac{14}{9}$

(8) $-\frac{12}{7}$

(9) $-\frac{1}{6}$

(10) $-\frac{3}{4}$

(11) $-\frac{3}{10}$

(12) $-\frac{36}{7}$