

乗法, 除法 (4)

【1】 次の計算をなさい。

$$(1) 1.5 \times (-4) = -(1.5 \times 4) \\ = -6$$

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

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

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

$$= \frac{9}{20}$$

$$(4) 28 \div \left(-\frac{7}{4}\right) = -\left(28 \times \frac{4}{7}\right)$$

$$= -16$$

$$(5) \frac{8}{9} \div \left(-\frac{1}{6}\right) \times \frac{7}{12}$$

$$= -\left(\frac{8}{9} \times \frac{6}{1} \times \frac{7}{12}\right)$$

$$= -\frac{28}{9}$$

$$(6) \left(-\frac{16}{11}\right) \div 12 \times \left(-\frac{3}{4}\right)$$

$$= +\left(\frac{16}{11} \times \frac{1}{12} \times \frac{3}{4}\right)$$

$$= \frac{1}{11}$$

【2】 次の計算をなさい。

$$(1) 3.5 + 1.2 \div (-0.3)$$

$$= 3.5 - \left(1.2 \times \frac{10}{3}\right)$$

$$= 3.5 - 4$$

$$= -0.5$$

$$(2) -2^3 + (-0.5 + 2.6) \div \frac{7}{4}$$

$$= -8 + \left(2.1 \times \frac{4}{7}\right)$$

$$= -8 + 1.2$$

$$= -6.8$$

$$(3) 9 \times \left(-\frac{4}{3}\right) - 15 \div \left(-\frac{5}{8}\right)$$

$$= -\left(9 \times \frac{4}{3}\right) + \left(15 \times \frac{8}{5}\right)$$

$$= -12 + 24$$

$$= 12$$

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

$$= -12 \times \frac{1}{6} - 12 \times \frac{3}{4}$$

$$= -2 - 9$$

$$= -11$$