

正の数・負の数の乗法,除法 2-1

名前

/14 点

1 次の数の逆数を答えなさい。

(1) $\frac{5}{2}$

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

(3) -5

2 次の計算をしなさい。

(1) $(-2.5) \times 4$

(2) $(-0.6) \times (-0.2)$

(3) $1.8 \div (-0.3)$

(4) $(-0.6) \div (-0.2)$

(6) $(-5) \div 3$

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

(8) $(-\frac{6}{7}) \times (-\frac{4}{5})$

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

(10) $(-\frac{3}{2}) \div \frac{4}{7}$

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

解答

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

$\boxed{2}$ 次の計算をなさい。

$$(1) \quad (-2.5) \times 4 = -10$$

$$(2) \quad (-0.6) \times (-0.2) = 0.12$$

$$(3) \quad 1.8 \div (-0.3) = -6$$

$$(4) \quad (-0.6) \div (-0.2) = 3$$

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

$$(7) \quad \frac{3}{8} \times \left(-\frac{2}{5}\right) = -\frac{3}{20}$$

$$(8) \quad \left(-\frac{6}{7}\right) \times \left(-\frac{4}{5}\right) = \frac{24}{35}$$

$$\begin{aligned} (9) \quad & \frac{5}{6} \div \left(-\frac{2}{3}\right) = \\ & = \frac{5}{6} \times \left(-\frac{3}{2}\right) = -\frac{5}{4} \end{aligned}$$

$$\begin{aligned} (10) \quad & \left(-\frac{3}{2}\right) \div \frac{4}{7} = \\ & = \left(-\frac{3}{2}\right) \times \frac{7}{4} = -\frac{21}{8} \end{aligned}$$

$$\begin{aligned} (11) \quad & \left(-\frac{9}{8}\right) \div \left(-\frac{3}{4}\right) = \\ & = \left(-\frac{9}{8}\right) \times \left(-\frac{4}{3}\right) = \frac{3}{2} \end{aligned}$$