

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

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

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

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

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

解答

1

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

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

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

2

次の計算をしなさい。

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

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

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

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

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

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

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

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

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

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