

正の数・負の数の乗法,除法 2-2

名前	
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/14 点

1 次の数の逆数を答えなさい。

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

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

(3) -2

2 次の計算をしなさい。

(1) $(-3.2) \times 5$

(2) $(-0.3) \times (-1.2)$

(3) $7.2 \div (-0.9)$

(4) $(-2.8) \div (-0.4)$

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

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

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

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

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

(11) $\left(-\frac{5}{12}\right) \div \left(-\frac{5}{6}\right)$

解答

1

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

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

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

2

次の計算をしなさい。

(1) $(-3.2) \times 5 = -16$

(2) $(-0.3) \times (-1.2) = 0.36$

(3) $7.2 \div (-0.9) = -8$

(4) $(-2.8) \div (-0.4) = 7$

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

(7) $\frac{2}{7} \times \left(-\frac{3}{4}\right) = -\frac{3}{14}$

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

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

(10)
$$\begin{aligned} \left(-\frac{3}{5}\right) \div \frac{3}{8} &= \\ = \left(-\frac{3}{5}\right) \times \frac{8}{3} &= -\frac{8}{5} \end{aligned}$$

(11)
$$\begin{aligned} \left(-\frac{5}{12}\right) \div \left(-\frac{5}{6}\right) &= \\ = \left(-\frac{5}{12}\right) \times \left(-\frac{6}{5}\right) &= \frac{1}{2} \end{aligned}$$