

56

除法

年 組 番 名前

● 例題 1 ●

次の計算をなさい。

$$\begin{aligned}
 (1) & \frac{(-6) \times 3}{(-2)} \\
 & = \frac{(-18)}{(-2)} \\
 & = \underline{\underline{9}}
 \end{aligned}$$

問1 次の計算をなさい。

$$\begin{aligned}
 (1) & \frac{(-6) \times 2}{(-3)} \\
 & = \frac{(-12)}{(-3)} \\
 & = 4
 \end{aligned}$$

答. 4

$$\begin{aligned}
 (2) & \frac{4 \times (-3)}{6} \\
 & = \frac{(-12)}{6} \\
 & = -2
 \end{aligned}$$

答. -2

$$\begin{aligned}
 (3) & \frac{18 \div (-2) \times (-3)}{(-9) \times (-3)} \\
 & = \frac{27}{27} \\
 & = 1
 \end{aligned}$$

答. 1

$$\begin{aligned}
 (4) & \frac{(-5) \times (-4) \div (-10)}{20 \div (-10)} \\
 & = \frac{20 \div (-10)}{-2} \\
 & = -2
 \end{aligned}$$

答. -2

● 例題 2 ●

次の計算をなさい。

$$\begin{aligned}
 (1) & 4 \div (-6) \times 3 \\
 & = 4 \times \left(-\frac{1}{6}\right) \times 3 \\
 & = -(4 \times \frac{1}{6} \times 3) \\
 & = \underline{\underline{-2}}
 \end{aligned}$$

問2 次の計算をなさい。

$$\begin{aligned}
 (1) & 2 \div (-6) \times 9 \\
 & = 2 \times \left(-\frac{1}{6}\right) \times 9 \\
 & = -(2 \times \frac{1}{6} \times 9) \\
 & = -3
 \end{aligned}$$

答. -3

$$\begin{aligned}
 (2) & (-4) \div 8 \times (-6) \\
 & = (-4) \times \frac{1}{8} \times (-6) \\
 & = +(4 \times \frac{1}{8} \times 6) \\
 & = 3
 \end{aligned}$$

答. 3

$$\begin{aligned}
 (3) & (-8) \div (-10) \times (-5) \\
 & = (-8) \times \left(-\frac{1}{10}\right) \times (-5) \\
 & = -(8 \times \frac{1}{10} \times 5) \\
 & = -4
 \end{aligned}$$

答. -4

● 例題 3 ●

次の計算をなさい。

$$\begin{aligned}
 (1) & \frac{1}{3} \div \left(-\frac{2}{3}\right) \times (-4) \\
 & = \frac{1}{3} \times \left(-\frac{3}{2}\right) \times (-4) \\
 & = +\left(\frac{1}{3} \times \frac{3}{2} \times 4\right) \\
 & = \underline{\underline{2}}
 \end{aligned}$$

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問3 次の計算をなさい。

$$\begin{aligned}
 (1) & \frac{1}{5} \div \left(-\frac{3}{5}\right) \times (-9) \\
 & = \frac{1}{5} \times \left(-\frac{5}{3}\right) \times (-9) \\
 & = +\left(\frac{1}{5} \times \frac{5}{3} \times 9\right) \\
 & = 3
 \end{aligned}$$

答. 3

$$\begin{aligned}
 (2) & (-8) \times \left(-\frac{1}{2}\right) \div \left(-\frac{2}{3}\right) \\
 & = (-8) \times \left(-\frac{1}{2}\right) \times \left(-\frac{3}{2}\right) \\
 & = -(8 \times \frac{1}{2} \times \frac{3}{2}) \\
 & = -6
 \end{aligned}$$

答. -6

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

答. -2