

1章(正の数, 負の数) 3節(乗法, 除法)

7. 加法, 減法, 乗法, 除法の混じった式の計算

年 組 番

名前

1. 次の計算をなさい。

$$\begin{aligned}
 & (+14) \div (-2) + (-3) \times (+2) \\
 & = -(14 \div 2) - (3 \times 2) \\
 & = -7 - 6 \\
 & = -13
 \end{aligned}$$

$$\begin{aligned}
 & (-3) \times (-4) - (-24) \div (+6) \\
 & = +(3 \times 4) + (24 \div 6) \\
 & = 12 + 4 \\
 & = 16
 \end{aligned}$$

$$\begin{aligned}
 & -15 - (-10) \div 2 \\
 & = -15 + (10 \div 2) \\
 & = -15 + 5 \\
 & = -10
 \end{aligned}$$

$$\begin{aligned}
 & 8 \times (-5) - 2 \times (-3) \\
 & = -(8 \times 5) + (2 \times 3) \\
 & = -40 + 6 \\
 & = -34
 \end{aligned}$$

$$\begin{aligned}
 & 6 + \{(-3) + 10\} \times 2 \\
 & = 6 + 7 \times 2 \\
 & = 6 + 14 \\
 & = 20
 \end{aligned}$$

$$\begin{aligned}
 & 3 - (-5) \times (-3 + 1) \\
 & = 3 - (-5) \times (-2) \\
 & = 3 - 10 \\
 & = -7
 \end{aligned}$$

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

$$\begin{aligned}
 & -\frac{1}{2} - \frac{1}{3} \times (-5) + \frac{5}{6} \\
 & = -\frac{1}{2} + \frac{5}{3} + \frac{5}{6} \\
 & = -\frac{3}{6} + \frac{10}{6} + \frac{5}{6} \\
 & = \frac{12}{6} = 2
 \end{aligned}$$

$$\begin{aligned}
 & 8 \times (-2.4) - 7 \times (-2.4) \\
 & = (-2.4) \times (8 - 7) \\
 & = (-2.4) \times 1 \\
 & = -2.4
 \end{aligned}$$

$$\begin{aligned}
 & \frac{2}{7} \times 90 - \left(-\frac{2}{7}\right) \times 10 \\
 & = \frac{2}{7} \times 90 + \frac{2}{7} \times 10 \\
 & = \frac{2}{7} \times (90 + 10) \\
 & = \frac{2}{7} \times 100 \\
 & = \frac{200}{7}
 \end{aligned}$$