

1

次の計算をなさい。

$$\begin{aligned} (1) \quad \frac{1}{4} + \frac{2}{5} &= \frac{5}{20} + \frac{8}{20} \\ &= \frac{13}{20} \end{aligned}$$

$$\begin{aligned} (2) \quad \frac{5}{6} \times \frac{3}{4} &= \frac{5 \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 4} \\ &= \frac{5}{8} \end{aligned}$$

$$\begin{aligned} (3) \quad \frac{3}{4} \div \frac{5}{6} &= \frac{3 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 5} \\ &= \frac{9}{10} \end{aligned}$$

$$\begin{aligned} (4) \quad 6 \div \frac{5}{2} &= \frac{6 \times 2}{1 \times 5} \\ &= \frac{12}{5} \quad \left[2\frac{2}{5} \right] \end{aligned}$$

2

次の計算をなさい。

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

$$\begin{aligned} (2) \quad (-7) - (-9) \\ &= -7 + 9 \\ &= 2 \end{aligned}$$

$$\begin{aligned} (3) \quad (+2) - (+7) + (-5) \\ &= 2 - 7 - 5 \\ &= 2 - 12 \\ &= -10 \end{aligned}$$

$$\begin{aligned} (4) \quad -7 + 6 - 2 \\ &= -7 - 2 + 6 \\ &= -9 + 6 \\ &= -3 \end{aligned}$$

$$\begin{aligned} (5) \quad 12 - 17 - 3 + 9 \\ &= 12 + 9 - 17 - 3 \\ &= 21 - 20 \\ &= 1 \end{aligned}$$

$$\begin{aligned} (6) \quad -5 - (-3) + 9 + (-1) \\ &= -5 + 3 + 9 - 1 \\ &= -5 - 1 + 3 + 9 \\ &= -6 + 12 \\ &= 6 \end{aligned}$$

※次のページにも、問題があります。

3

次の計算をなさい。

$$\begin{aligned}
 (1) \quad & (-3) \times (-9) \\
 & = + (3 \times 9) \\
 & = 27
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & (-6) \times (-3) \times 5 \\
 & = + (6 \times 3 \times 5) \\
 & = 90
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & 2 \times (-5^2) \\
 & = 2 \times (-5 \times 5) \\
 & = 2 \times (-25) \\
 & = -(2 \times 25) \\
 & = -50
 \end{aligned}$$

累乗の計算に注意し
ましょう。

$$\begin{aligned}
 (4) \quad & 16 \div (-4) \\
 & = -(16 \div 4) \\
 & = -4
 \end{aligned}$$

$$(5) \quad 0 \div (-5)$$

$$= 0$$

乗法と除法の混
じった式は、乗法
だけの式に直して
計算します。

$$(6) \quad 30 \div (-5) \times (-2)$$

$$\begin{aligned}
 & = 30 \times \left(-\frac{1}{5}\right) \times (-2) \\
 & = + \left(\overset{6}{\cancel{30}} \times \frac{1}{\cancel{5}_1} \times 2\right) \\
 & = 12
 \end{aligned}$$

4

次の計算をなさい。

$$\begin{aligned}
 (1) \quad & 2 \times (5 - 8) \\
 & = 2 \times (-3) \\
 & = -6
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & 3 - 2 \times (-4) \\
 & = 3 + 8 \\
 & = 11
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & (-3) \times (-4) - (-5) \times 2 \\
 & = (+12) - (-10) \\
 & = 12 + 10 \\
 & = 22
 \end{aligned}$$

乗法と減法の混じ
った式は、乗法から計算
します。

$$\begin{aligned}
 (4) \quad & 4 \times (-2) + (-3)^2 \\
 & = (-8) + (+9) \\
 & = 1
 \end{aligned}$$

累乗の計算に注意し
ましょう。