

【中1 数学 | 正負の数】

次の計算をしなさい。

$$\begin{aligned}
 (1) \quad & \left\{ \frac{1}{3} + \left(\frac{2}{3} - \frac{1}{4} \right) \times \frac{4}{3} \right\} \div \left(-\frac{4}{3} \right) \\
 & = \left(\frac{1}{3} + \frac{8-3}{12} \times \frac{4}{3} \right) \times \left(-\frac{3}{4} \right) \\
 & = \left(\frac{1}{3} + \frac{5}{9} \right) \times \left(-\frac{3}{4} \right) \\
 & = \frac{8}{9} \times \left(-\frac{3}{4} \right) \\
 & = -\frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & \left\{ \left(-1\frac{5}{6} \right) - \left(-\frac{1}{6} \right) \right\} \div \left\{ \frac{2}{3} \div \left(-\frac{1}{9} \right) \right\} \\
 & = \left(-\frac{11}{6} + \frac{1}{6} \right) \div \left\{ \frac{2}{3} \times \left(-\frac{9}{1} \right) \right\} \\
 & = -\frac{10}{6} \div (-6) \\
 & = \frac{10}{36} \\
 & = \frac{5}{18}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & (8-2)^2 \div 3^2 + (9-2) \times (-4) \\
 & = 36 \div 9 - 28 \\
 & = 4 - 28 \\
 & = -24
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & (-2) \times (-7) + 56 \div (-2)^3 + 4 \\
 & = 14 + 56 \div (-8) + 4 \\
 & = 14 - 7 + 4 \\
 & = 11
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & -6 - (3-5)^2 \div 4 + (-2)^3 \times (-1) \\
 & = -6 - 4 \div 4 - 8 \times (-1) \\
 & = -6 - 1 + 8 \\
 & = 1
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad & -15 \div 3 - \{(-3)^2 - 8\} \div \left(\frac{1}{2} \right)^2 \\
 & = -5 - (9-8) \times 4 \\
 & = -5 - 4 \\
 & = -9
 \end{aligned}$$

YouTubeチャンネルも見てね▶『ふじわら塾長』で検索!!

