

【中1 数学 | 正負の数】

次の計算をなさい。

$$\begin{aligned} (1) \quad & (-6)^2 \div 4 \\ & = 36 \div 4 \\ & = 9 \end{aligned}$$

$$\begin{aligned} (2) \quad & (-3^2) \div (-2)^2 \\ & = -9 \div 4 \\ & = -\frac{9}{4} \end{aligned}$$

$$\begin{aligned} (3) \quad & (-8)^2 \div 2^4 \\ & = 64 \div 16 \\ & = 4 \end{aligned}$$

$$\begin{aligned} (4) \quad & 8 \times (-3)^2 \div 18 \\ & = 8 \times 9 \div 18 \\ & = 4 \end{aligned}$$

$$\begin{aligned} (5) \quad & (-6) \times (-5^2) \div (-10) \\ & = -6 \times (-25) \div (-10) \\ & = -\frac{150}{10} \\ & = -15 \end{aligned}$$

$$\begin{aligned} (6) \quad & (-3)^2 \div (-6) \times 2 \\ & = 9 \div (-6) \times 2 \\ & = -\frac{9 \times 2}{6} \\ & = -3 \end{aligned}$$

$$\begin{aligned} (7) \quad & (-24) \div (-4)^2 \times 6 \\ & = -24 \div 16 \times 6 \\ & = -\frac{24 \times 6}{16} \\ & = -9 \end{aligned}$$

$$\begin{aligned} (8) \quad & 3^2 \times (-5) \div (-6^2) \\ & = 9 \times (-5) \div (-36) \\ & = \frac{9 \times 5}{36} \\ & = \frac{5}{4} \end{aligned}$$

$$\begin{aligned} (9) \quad & (-4^2) \div (-8)^2 \times (-6) \\ & = -16 \div 64 \times (-6) \\ & = \frac{16 \times 6}{64} \\ & = \frac{3}{2} \end{aligned}$$

$$\begin{aligned} (10) \quad & (-2)^2 \div \left(-\frac{8}{5}\right) \times 6 \\ & = 4 \times \left(-\frac{5}{8}\right) \times 6 \\ & = -15 \end{aligned}$$

$$\begin{aligned} (11) \quad & \left(-\frac{3}{5}\right) \div (-3)^2 \times 15 \\ & = -\frac{3}{5} \times \frac{1}{9} \times 15 \\ & = -1 \end{aligned}$$

$$\begin{aligned} (12) \quad & \left(-\frac{2}{3}\right) \div \left(-\frac{7}{6}\right) \div (-2^2) \\ & = -\frac{2}{3} \times \left(-\frac{6}{7}\right) \times \left(-\frac{1}{4}\right) \\ & = -\frac{1}{7} \end{aligned}$$

YouTubeチャンネルも見てね▶『ふじわら塾長』で検索!!

