

中1～第8回乗法と除法の混じった計算～

氏名:

解答・解説

例題 次の計算をなさい。

(1) $(-6) \div 9 \times (-4)$

$$= (-6) \times \frac{1}{9} \times (-4)$$

$$= + \cancel{6}^2 \times \frac{1}{\cancel{9}_3} \times 4$$

$$= + \frac{8}{3}$$

(2) $\frac{1}{2} \times \left(-\frac{4}{5}\right) \div \frac{3}{10}$

$$= \frac{1}{2} \times \left(-\frac{4}{5}\right) \times \frac{10}{3}$$

$$= - \frac{1}{\cancel{2}_1} \times \frac{4}{\cancel{5}_1} \times \frac{\cancel{10}^2}{3}$$

$$= - \frac{4}{3}$$

(3) $\frac{4}{7} \times (-2.8) \div \left(-\frac{5}{6}\right) \times 2.5$

$2.8 = \frac{28}{10} = \frac{14}{5}$
 $2.5 = \frac{25}{10} = \frac{5}{2}$

$$= \frac{4}{7} \times \left(-\frac{14}{5}\right) \times \left(-\frac{6}{5}\right) \times \frac{5}{2}$$

$$= + \frac{4}{\cancel{7}_1} \times \frac{\cancel{14}^2}{5} \times \frac{6}{\cancel{5}_1} \times \frac{\cancel{5}}{2}$$

$$= + \frac{24}{5}$$