

第25回 式の値 講義編 1

解答

a=4 のとき

① $2a$
 $=2 \times 4 = 8$

② $5a+3$
 $=5 \times 4 + 3 = 20 + 3 = 23$

③ $10-3a$
 $=10-3 \times 4 = 10-12 = -2$

④ a^2
 $=a \times a$
 $=4 \times 4 = 16$

$b=\frac{1}{2}$ のとき

① $(-b)^2$
 $=\left(-\frac{1}{2}\right)^2 = \left(-\frac{1}{2}\right) \times \left(-\frac{1}{2}\right) = \frac{1}{4}$

② $\frac{b}{5}$
 $=b \div 5 = \frac{1}{2} \div 5 = \frac{1}{2 \times 5} = \frac{1}{10}$

③ $\frac{10}{b}$
 $=10 \div b = 10 \div \frac{1}{2} = 10 \times \frac{2}{1} = 20$