

第10回 正の数・負の数の乗法 講義編2

解答

$$\begin{aligned} \textcircled{1} & (-3)^2 \times (+2) \\ & = (-3) \times (-3) \times (+2) \\ & = +18 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & (-2^2) \times (-5) \\ & = (-2 \times 2) \times (-5) \\ & = (-4) \times (-5) \\ & = +20 \end{aligned}$$

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

$$\begin{aligned} \textcircled{4} & (-3)^2 \times (+2)^3 \\ & = (-3) \times (-3) \times (+2) \times (+2) \times (+2) \\ & = +72 \end{aligned}$$

$$\begin{aligned} \textcircled{5} & (-10) \times (-1)^5 \\ & = (-10) \times (-1) \times (-1) \times (-1) \times (-1) \times (-1) \\ & = +10 \end{aligned}$$

$$\begin{aligned} \textcircled{6} & -(-2^2) \times (-3)^3 \times (+1)^3 \\ & = -(-4) \times (-3) \times (-3) \times (-3) \times (+1) \times (+1) \times (+1) \\ & = -108 \end{aligned}$$