

1.  $3^3$  을  $B$  라고 할 때,  $9^2 \times \frac{1}{81^2} \div \left(\frac{1}{27}\right)^3$  을  $B$  를 써서 나타내면?

①  $3B$

②  $3B^2$

③  $9B^2$

④  $9B$

⑤  $\frac{B}{9}$

해설

$$\begin{aligned}(\text{준식}) &= 3^4 \times \frac{1}{3^8} \div \left(\frac{1}{3^3}\right)^3 \\ &= 3^4 \times \frac{1}{3^8} \times 3^9 \\ &= 3^5 = 3^2 \times 3^3 = 9B\end{aligned}$$