

計算下列各值。

(1) $2^4 =$

(2) $5^3 =$

(3) $7^2 =$

(4) $4^3 =$

(5) $10^5 =$

(6) $(-2)^3 =$

(7) $(-2)^6 =$

(8) $(-6)^3 =$

(9) $-6^2 =$

(10) $-3^4 =$

在下列各式的□中填入適當的數字，使等號成立。

(1) $7^2 \times 7^3 = 7^{\square}$

(2) $4^5 \times 4^2 \times 4^6 = 4^{\square}$

(3) $(-5)^4 \times (-5)^3 = (-5)^{\square}$

(4) $(-9)^5 \times (-9)^3 = (-9)^{\square}$

(5) $3^6 \times 3^4 = 3^{\square}$

(6) $12^{10} \times 12^3 \times 12^{12} = 12^{\square}$

(7) $(-7)^8 \times (-7)^3 \times (-7)^7 = (-7)^{\square}$

(8) $(-4)^{18} \times (-4)^7 \times (-4)^4 = (-4)^{\square}$