

BAHAGIAN A

- $(-4)^4 =$
A -256 B -16
C 16 D 256
- Diberi $p^4 \times p^5 = p^n$, cari nilai n .
Given $p^4 \times p^5 = p^n$, find the value of n .
A -1
B 1
C 9
D 20
- Permudahkan $2m^2 \times 2^3m^4$.
Simplify $2m^2 \times 2^3m^4$.
A $4m^6$ B $12m^4$
C $16m^4$ D $16m^6$
- $h^2 \div h^7 =$
A h^{-5} B h^{-3}
C h^3 D h^5
- $(k^2 \times 2k^6)^2 =$
A $2k^8$
B $2k^{12}$
C $4k^{16}$
D $4k^{24}$
- Diberi $(2q^2 \times 5q^{-5})^3 = mq^n$, dengan keadaan m dan n ialah pemalar. Cari nilai m dan nilai n .
Given $(2q^2 \times 5q^{-5})^3 = mq^n$, where m and n are constants. Find the values of m and n .
A $m = 10, n = -3$
B $m = 10, n = 3$
C $m = 1\,000, n = -9$
D $m = 1\,000, n = 9$
- Antara berikut, yang manakah tidak sama dengan a^4 ?
Which of the following is not equal to a^4 ?
A $a^2 \times a^2$
B $(a^2)^2$
C $(a \times a^2)^2$
D $a^{-2} \times a^6$
- $(\sqrt[3]{27^4})^{\frac{1}{2}} =$
A 3 B 9
C 27 D 81
- $\frac{2^2m^3n^{\frac{1}{2}}}{\sqrt[3]{-64m^2n}} =$
A $-\frac{m}{n^{\frac{1}{2}}}$ B $-\frac{m}{n^2}$
C $-\frac{mn^{\frac{1}{2}}}{4}$ D $-\frac{mn^{\frac{1}{2}}}{4}$
- Diberi $\frac{(h^4k^6)^{\frac{1}{2}}}{h^{-5}} = h^nk^3$. Antara berikut, yang manakah memenuhi persamaan yang diberikan?
Given $\frac{(h^4k^6)^{\frac{1}{2}}}{h^{-5}} = h^nk^3$. Which of the following satisfies the given equation?
A $n = -7$
B $n = -1$
C $n = 7$
D $n = 9$
- Diberi $(\sqrt[4]{x})^3 \div x^{\frac{5}{2}y} = 1$, dengan keadaan $x \neq 0$. Cari nilai y .
Given $(\sqrt[4]{x})^3 \div x^{\frac{5}{2}y} = 1$, where $x \neq 0$. Find the value of y .
A $-\frac{10}{3}$ B $-\frac{3}{10}$
C $\frac{3}{10}$ D $\frac{10}{3}$