

mobius

Exponents - Fractional Exponents with Non-Square Integer Base - Exponent to



<u> </u>		oquare integer i	Sase - Experient	
1	Factor the base number to make it easier to solve	ored Exponent $(3 \cdot 3 \cdot 5 \cdot 11)^{(\frac{1}{2})} (3 \cdot 3 \cdot 5 \cdot 5)^{(\frac{1}{2})}$	Factor the base number to make it easier to solve	A $(2 \cdot 2 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})}$
	<i>(</i> 1)	C D	/1 \	$ \begin{array}{c} {}^{B} \ (2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \cdot 5)^{(\frac{1}{3})} \\ {}^{C} \ (2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})} \end{array} $
/		$(3 \cdot 3 \cdot 5 \cdot 13)^{(\frac{1}{2})} (3 \cdot 3 \cdot 5)^{(\frac{1}{2})}$	$108^{(\frac{1}{3})}$	$\begin{array}{c} (2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})} \\ \end{array}$
4	J`'	E $(3 \cdot 3 \cdot 3 \cdot 5)^{(\frac{1}{2})} (3 \cdot 3 \cdot 5 \cdot 7)^{(\frac{1}{2})}$		$(2\cdot 6\cdot 3\cdot 3)^{\left(\frac{1}{3}\right)}$
				$(2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \cdot 13)^{(\frac{1}{3})}$
3	Factor the base number to make it easier to solve	$ \begin{array}{c} (2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2)^{\left(\frac{1}{3}\right)} \\ (2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2)^{\left(\frac{1}{3}\right)} \end{array} $	Factor the base number to make it easier to solve	$\begin{vmatrix} A \\ (2 \cdot 5 \cdot 5 \cdot 5)^{\left(\frac{1}{2}\right)} \end{vmatrix} \begin{pmatrix} B \\ (2 \cdot 5 \cdot 5)^{\left(\frac{1}{2}\right)} \end{vmatrix}$
	/ 1 x	$ \begin{array}{c} B & (2 \cdot 2 \cdot 2 \cdot 2 \cdot 4 \cdot 2)^{(\frac{1}{3})} \\ C & (2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 4)^{(\frac{1}{3})} \end{array} $	(1)	C D
1	$28^{(\frac{1}{3})}$		ちの (き)	$(2 \cdot 2 \cdot 5 \cdot 5)^{(\frac{1}{2})} (2 \cdot 5 \cdot 5 \cdot 11)^{(\frac{1}{2})}$
_	20 '	$(5 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 11)^{(\frac{1}{3})}$	J U -	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
	Factor the base number		Factor the base number	
5	to make it easier to solve	$\begin{array}{ccc} A & (5 \cdot 5 \cdot 5)^{(\frac{1}{3})} \\ B & (2 \cdot 2 \cdot 5 \cdot 5 \cdot 5)^{(\frac{1}{3})} \end{array}$	factor the base number to make it easier to solve	
	(1)	$\begin{array}{c} (2 \cdot 2 \cdot 3 \cdot 3 \cdot 3)^{(3)} \\ C & (2 \cdot 5 \cdot 5)^{(\frac{1}{3})} \end{array}$	(1)	$\begin{array}{c} (2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 11)^{(3)} \\ \hline \\ (2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7)^{(\frac{1}{3})} \end{array}$
2	50 ⁽³⁾	D $(2 \cdot 3 \cdot 5 \cdot 5 \cdot 5)^{(\frac{1}{3})}$	18 (3)	
_	3 0	$(2\cdot 5\cdot 5\cdot 5)^{\left(\frac{1}{3}\right)}$	70	$ (2 \cdot 2 \cdot 2 \cdot 2 \cdot 3)^{(\frac{1}{3})} $
_	Factor the base number	$\begin{bmatrix} F & (2 \cdot 5 \cdot 5 \cdot 5 \cdot 11)^{\left(\frac{1}{3}\right)} \\ A & B \end{bmatrix}$	Factor the base number	
7	to make it easier to solve	$(2 \cdot 2 \cdot 3 \cdot 3 \cdot 5)^{(\frac{1}{2})} (2 \cdot 3 \cdot 3)^{(\frac{1}{2})}$		$ \begin{array}{ccc} A & (2 \cdot 3 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})} \\ B & (2 \cdot 9 \cdot 3 \cdot 3)^{(\frac{1}{3})} \end{array} $
	-(1)	C D (1)	(1)	$\begin{array}{ccc} (2 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})} \\ \hline \\ (2 \cdot 3 \cdot 3 \cdot 9)^{(\frac{1}{3})} \end{array}$
3	$6^{(\frac{1}{2})}$	$(2 \cdot 2 \cdot 2 \cdot 3 \cdot 3)^{(\frac{1}{2})} (2 \cdot 2 \cdot 3)^{(\frac{1}{2})}$	162 ⁽³⁾	
)		$ \begin{array}{c c} E & F \\ (2 \cdot 6 \cdot 3)^{(\frac{1}{2})} (2 \cdot 2 \cdot 3 \cdot 3)^{(\frac{1}{2})} \end{array} $	102	$ (2 \cdot 3 \cdot 9 \cdot 3)^{(\frac{1}{3})} $
				$^{F} (2 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 7)^{(\frac{1}{3})}$