

## mobius

## **Exponents - Power Law with Variable Base (Negatives, Expanded Fraction to**



1	Find the answer multiplied					2 Find the answer when these terms are multiplied					
	1	1	1	. 1			1	1	. 1	1	
	$\overline{m^2}$ .	$\overline{m^2}$	$\overline{m^2}$	$m^2$			$\overline{n}$	$\overline{n}$	$\frac{1}{n}$	$\overline{n}$	
A	1	<sup>B</sup> 1		<sup>c</sup> 1	Α	1	В .	1	<sup>c</sup> 1	.	<sub>20</sub> 3
	$\overline{m^{800}}$	$\overline{m}$	,8	$\overline{m^6}$		$\overline{n^4}$	$\overline{r}$	$\overline{\imath^3}$	$\overline{n^4}$	00	16
3	Find	4	Find the answer when these terms are multiplied								
	1 1 1						1	1	1	1	
	$\overline{n}$	$\overline{n^2} \cdot \overline{n^2}$	$\frac{1}{2} \cdot \frac{1}{n}$	,2			$\overline{b}$	$\overline{b}$	$\dot{b}$ .	$\overline{b}$	
A	$n^{-rac{1}{n^{\epsilon}}}$	$rac{1}{n^{60}}$	00	$n^0\left rac{1}{n^6} ight $	0	$b^3$	$rac{1}{b^4}$	C .	1	$b^0$	$rac{1}{b^{400}}$
5	Find the answ these terms multiplie	s are	$d^0$	$rac{1}{d^{900}} \left  rac{1}{d}  ight $	9 6		the answer viese terms are multiplied		$\frac{1}{z^3}$	$z^{^{\scriptscriptstyle B}}$	$0\left \frac{1}{z^4}\right $
$rac{1}{d}$	$\frac{1}{3} \cdot \frac{1}{d^3}$	$d^3$	$rac{1}{d^{10}}$	$\left\lceil rac{1}{d^7}  ight ceil$	-	$\frac{1}{z^2}$	• - 2	<u>+</u> 2	1		
7	Find the answ these terms multiplie	s are	$n^0$	$\left  \frac{1}{n^3} \right ^c$	,28		Find the $oldsymbol{1}$		ver wher multipli $oldsymbol{1}$		terms
$\mid 1$	. 1	1	D <b>1</b>	T <i>l</i> °	_		$\overline{r^3}$ .	$\overline{r^3}$	$r^3$	$rac{1}{r^3}$	
n	$\overline{n} \cdot \overline{n}$	$\overline{n}$	$\frac{1}{n^2}$	$\left rac{1}{n^{300}} ight $	A -	$\frac{1}{r^{120}}$	$rac{1}{r^{12}}$	$rac{ extstyle c}{r^1}$	1,200 D	r	1