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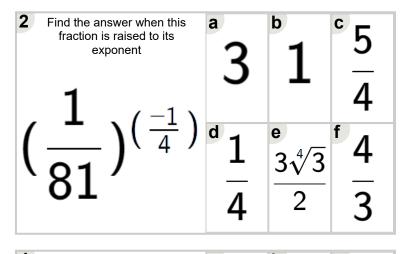


Math worksheet on 'Exponents - Negative Fractional Exponents with Unit Fractional Base (Level 2)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

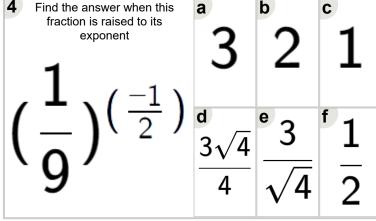
Learn online:

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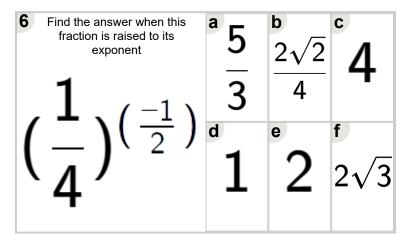
Find the answer when this fraction is raised to its exponent	$\frac{a}{3}$	$2\sqrt[5]{4}$	1
$(\frac{1}{32})^{(\frac{-1}{5})}$	$\frac{1}{3}$	5	2



Find the answer when this fraction is raised to its exponent	$\frac{4}{\sqrt[4]{2}}$	5	1
$(\frac{-}{16})^{(\frac{-}{4})}$	$\frac{2\sqrt[4]{2}}{3}$	2	$\frac{1}{2}$



Find the answer when this fraction is raised to its exponent	^a 1	5	1
1 (-1)	3	3	
$\left(\frac{1}{27}\right)^{\left(\frac{1}{3}\right)}$	^d 1	$\frac{e}{3\sqrt[3]{2}}$	$\begin{array}{c} f \\ 3\sqrt[3]{4} \end{array}$
21	5	$\sqrt[3]{3}$	$\sqrt[3]{4}$



7 Find the answer when this fraction is raised to its exponent	5	1 4	$\frac{1}{2}$
$\left(\frac{1}{125}\right)^{\left(\frac{-1}{3}\right)}$	1 5	3	$5\sqrt[3]{2}$