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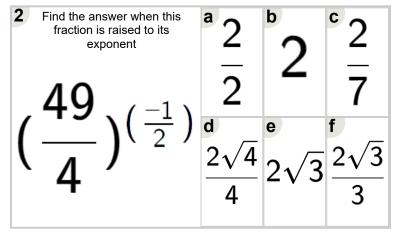


Math worksheet on 'Exponents - Negative Fractional Exponents with Fractional Base (Level 1)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

Learn online:

app.mobius.academy/math/units/exponents negative and fractional bases review/

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



Find the answer when this fraction is raised to its exponent	$\frac{a}{2}$	2	[°] 3
$(\frac{1}{49})^{(\frac{1}{2})}$	$\frac{1}{2}$	$\frac{e}{2}$	$\frac{1}{2\sqrt{4}}$

Find the answer when this fraction is raised to its exponent	1	b 5√3	5
$(\frac{3}{25})^{(\frac{-1}{2})}$	4	^e 5/3	$\frac{1}{2}$

Find the answer when this fraction is raised to its exponent	^a 1	^b 11	c 1
25 (-1)	2	5	
$\left(\frac{23}{121}\right)^{\left(\frac{1}{2}\right)}$	d	e 4	^f 1
121	_	$\overline{2}$	4

Find the answer when this fraction is raised to its exponent
$$\begin{pmatrix} 4 \\ 0 \end{pmatrix} \begin{pmatrix} \frac{-1}{2} \end{pmatrix} \begin{pmatrix} \frac{1}{2} \end{pmatrix} \begin{pmatrix} \frac{$$

7 Find the answer when this fraction is raised to its exponent	a 2	^b 1	° 3
25 (-1)	3	3	<u>5</u>
$\left(\frac{2}{2}\right)^{\left(\frac{1}{2}\right)}$	d 1	e 3	^f 5
` 9 '	T	$\overline{2}$	3