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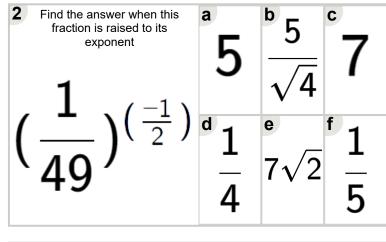


Math worksheet on 'Exponents - Negative Fractional Exponents with Unit Fractional Base (Level 2)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

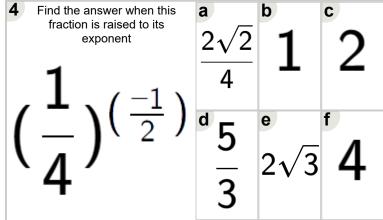
Learn online:

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

Find the answer when this fraction is raised to its exponent	$5\sqrt{3}$	5	$\frac{^{c}}{\sqrt{3}}$
$(\frac{1}{25})^{(\frac{1}{2})}$	1	$\frac{5\sqrt{2}}{3}$	$\frac{1}{2}$



Find the answer when this fraction is raised to its exponent	a <b>1</b>	<sup>b</sup> 5	<sup>c</sup> 1
1 (-1)	Т	4	4
$\left(\frac{1}{01}\right)^{\left(\frac{1}{4}\right)}$	<b>3</b>	e $3\sqrt[4]{3}$	<sup>f</sup> 4
. ΩΤ	3	2	3



Find the answer when this fraction is raised to its exponent	a 11	<b>4</b>	$\frac{1}{\sqrt{2}}$
$(\frac{1}{121})^{(\frac{1}{2})}$	1	$\frac{11\sqrt{3}}{2}$	f $11\sqrt{4}$

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

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