

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

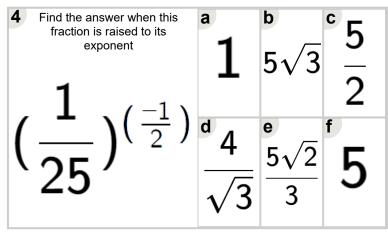
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Find the answer when this fraction is raised to its exponent	2	1	c 2√3
$(\frac{-}{4})^{(\frac{-1}{2})}$	4	$\frac{2\sqrt{2}}{4}$	$\frac{1}{3}$

Find the answer when this fraction is raised to its exponent	$\frac{11\sqrt{3}}{2}$	^b 11	$\frac{1}{\sqrt{2}}$
$\left(\frac{1}{121}\right)^{\left(\frac{1}{2}\right)}$	1	e $11\sqrt{4}$	4

Find the answer when this fraction is raised to its exponent	$7\sqrt{2}$	5	^c 1/4
$(\frac{2}{49})^{(\frac{1}{2})}$	$\frac{5}{\sqrt{4}}$	e 1 5	7



Find the answer when this fraction is raised to its exponent	$\frac{1}{2}$	$\frac{3}{\sqrt{4}}$	2
$(\frac{1}{9})^{(\frac{1}{2})}$	$\frac{3\sqrt{4}}{4}$	1	3