Name:			



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'

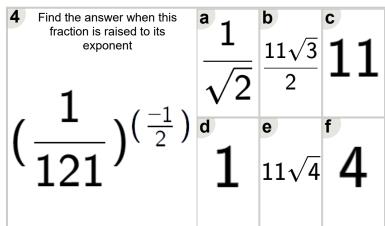
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Find the answer when this fraction is raised to its exponent	$\frac{1}{5}$	5	c 7√2
$(\frac{2}{49})^{(\frac{2}{2})}$	7	$\frac{5}{\sqrt{4}}$	$\frac{1}{4}$

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

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



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