Nar	ne:	

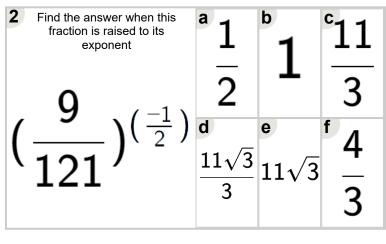


Math worksheet on 'Exponents - Negative Fractional Exponents with Fractional Base (Level 1)'. Part of a broader unit on 'Exponents - Negative and Fractional Bases and Exponents'

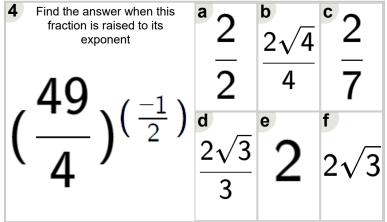
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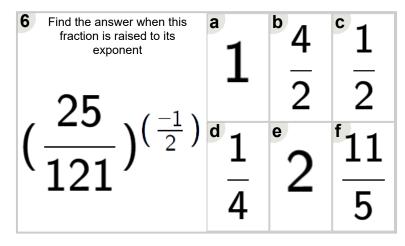
Find the answer when this fraction is raised to its exponent	^a 3	^b 5	c E
4.(-1)	2	3	3
$\left(\frac{1}{2}\right)^{\left(\frac{1}{2}\right)}$	^d 1	e 4	f 2
`9'	2	$\overline{2}$	3



3	Find the answer when this fraction is raised to its exponent	a 1	^b 5	^c 1
	49. (-1)	_	7	3
($\frac{1}{2}$) $(\frac{1}{2})$	1 1	e K	f 7
	25	$7\sqrt{3}$	J	_



Find the answer when this fraction is raised to its exponent	^a 1	2	1
$(\frac{25}{100})^{(\frac{-1}{2})}$	5 d	e o	f
4	$2\sqrt{2}$	$\frac{2}{5}$	$\frac{1}{5\sqrt{2}}$



7 Find the answer when this fraction is raised to its exponent	$5\sqrt{3}$	1	[°] 5
$(\frac{9}{25})^{(\frac{-1}{2})}$	4	* 5 -3	$\frac{1}{2}$