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

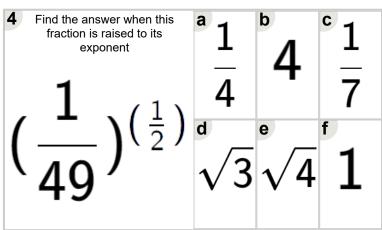
Learn online:

app.mobius.academy/math/units/exponents fractional bases and exponents practic

Find the answer when this fraction is raised to its exponent	$\sqrt[a]{3}$	^b 1	2
1 (1)	11	4	5
$\left(\frac{-}{121}\right)^{(\frac{1}{2})}$	d 1	$\sqrt[e]{4}$	^f 1
121		11	$\overline{11}$

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

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



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