N	а	n	n	Δ	•	
A	а	11		C	•	



Math worksheet on 'Exponents - Negative Fractiona Exponents with Non-Square Integer Base - Exponen to Simplified Radical (Level 1)'. Part of a broader uni on 'Exponents - Fractional Bases and Exponents - Practice'

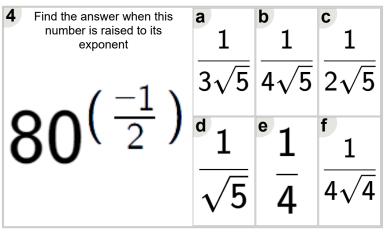
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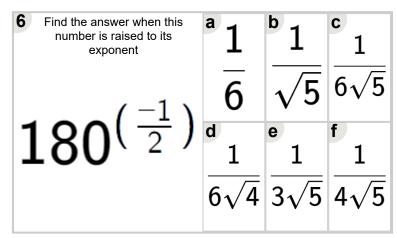
Find the answer when this number is raised to its exponent	a 1	b 1	1
(-1)	$\sqrt{6}$	$4\sqrt{6}$	$3\sqrt{6}$
$150^{(\frac{1}{2})}$	d 1	e 1	f 1
	$\overline{5\sqrt{6}}$	5	$2\sqrt{6}$

Find the answer when this number is raised to its exponent $108^{\left(\frac{-1}{2}\right)}$	$\frac{1}{5\sqrt{3}}$	$\frac{1}{4\sqrt{3}}$	$\frac{1}{2\sqrt{3}}$
	$\frac{1}{6\sqrt{3}}$	e 1 6	$\frac{1}{\sqrt{3}}$

Find the answer when this number is raised to its exponent	a 1	b 1	<sup>c</sup> 1
$\begin{bmatrix} -1 \end{bmatrix}$	$3\sqrt{6}$	$4\sqrt{2}$	$\sqrt{6}$
$96^{(\frac{1}{2})}$	<sup>d</sup> 1	e 1	f 1
	4	$4\sqrt{6}$	$\overline{5\sqrt{6}}$



Find the answer when this number is raised to its exponent	a 1	b 1	<sup>c</sup> 1
-1	$2\sqrt{3}$	$4\sqrt{3}$	4
48(2)	d 1	e 1	f 1
	$\overline{5\sqrt{3}}$	$\sqrt{3}$	$\overline{4\sqrt{2}}$



Find the answer when this number is raised to its exponent	a 1	b 1	1
- $(-1)$	$2\sqrt{2}$	$4\sqrt{2}$	$\overline{5\sqrt{2}}$
$32^{(\frac{1}{2})}$	1	e 1	f 1
	4	$\sqrt{2}$	$3\sqrt{2}$