Name:				

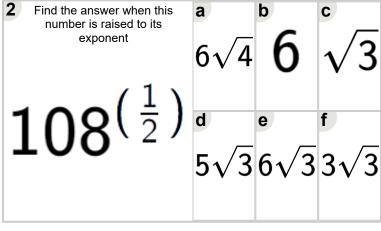


Math worksheet on 'Exponents - Fractional Exponents with Non-Square Integer Base -Exponent to Simplified Radical (Level 1)'. Part of a broader unit on 'Exponents - Fractional Bases and Exponents - Intro'

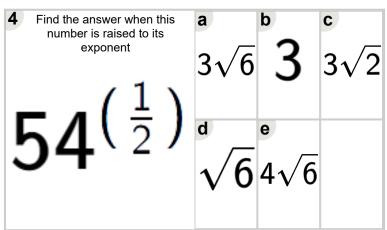
Learn online:

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

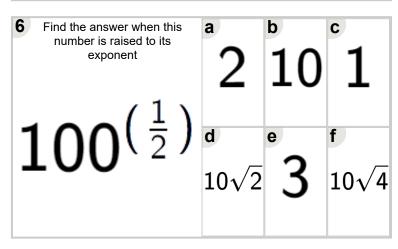
Find the answer when this number is raised to its exponent	12	3	2
$144^{(\frac{1}{2})}$	1	e 12√2	4



Find the answer when this number is raised to its exponent	5	b 4√2	^c 4
16 ⁽²⁾	$4\sqrt{4}$	1	f 4√3



Find the answer when this number is raised to its exponent	$4\sqrt{3}$	b 5√4	$\sqrt{3}$
75 ⁽²⁾	5	$3\sqrt{3}$	$5\sqrt{3}$



7 Find the answer when this number is raised to its exponent	$6\sqrt{2}$	$2\sqrt{2}$	$\sqrt{2}$
72 ⁽²⁾	$6\sqrt{3}$	$6\sqrt{4}$	6