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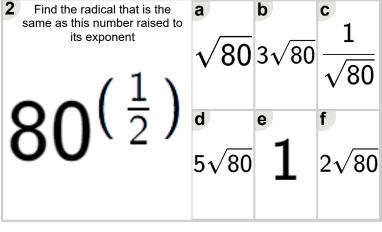


Math worksheet on 'Exponents - Fractional Exponents with Non-Square Integer Base - Exponent to Unsimplified Radical (Level 1)'. Part of a broader unit on 'Exponents - Fractional Bases and Exponents - Intro'

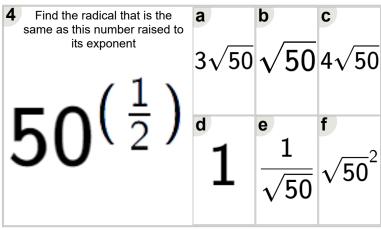
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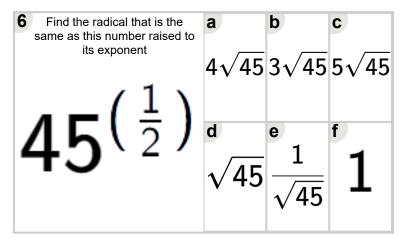
Find the radical that is the same as this number raised to its exponent	a $2\sqrt{75}$	b √75	$\frac{1}{\sqrt{75}}$
75 ⁽²⁾	d $\sqrt{75}^2$	$4\sqrt{75}$	1



Find the radical that is the same as this number raised to its exponent	a 1	$ \begin{array}{c} \mathbf{b} \\ \sqrt{144}^2 \end{array} $	$f c$ $4\sqrt{144}$
$144^{(\frac{1}{2})}$	d $5\sqrt{144}$	e	f



Find the radical that is the same as this number raised to its exponent	a $5\sqrt{32}$	b $2\sqrt{32}$	$\frac{1}{\sqrt{32}}$
32 ⁽²⁾	$\sqrt{32}$	1	f 4√32



7 Find the radical that is the same as this number raised to its exponent	a $5\sqrt{100}$	$\sqrt{100}^2$	1
$100^{(\frac{1}{2})}$	d $3\sqrt{100}$	$rac{1}{\sqrt{100}}$	f $\sqrt{100}$