



Exponents - Negative Fractional Exponents with Non-Square Integer Base

- Exponent to Factored Radical

<p>1 Factor this exponent's base number and express it as a radical</p> <p>96^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 4 \cdot 2 \cdot 2 \cdot 3}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 11}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 3}}$</p>	<p>2 Factor this exponent's base number and express it as a radical</p> <p>100^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 5 \cdot 5}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 2 \cdot 5 \cdot 5 \cdot 11}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 2 \cdot 5}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 5 \cdot 5}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 2 \cdot 5 \cdot 5 \cdot 7}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 2 \cdot 5 \cdot 5}}$</p>
<p>3 Factor this exponent's base number and express it as a radical</p> <p>50^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 5 \cdot 5}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 5 \cdot 5 \cdot 7}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 5 \cdot 5 \cdot 5}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 5 \cdot 5 \cdot 13}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 5 \cdot 5}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 5 \cdot 5 \cdot 11}}$</p>	<p>4 Factor this exponent's base number and express it as a radical</p> <p>45^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{3 \cdot 3 \cdot 5 \cdot 11}}$</p> <p>C $\frac{1}{\sqrt{3 \cdot 3 \cdot 3 \cdot 5}}$</p> <p>E $\frac{1}{\sqrt{3 \cdot 3 \cdot 5}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 5}}$</p> <p>D $\frac{1}{\sqrt{3 \cdot 3 \cdot 5 \cdot 13}}$</p> <p>F $\frac{1}{\sqrt{3 \cdot 3 \cdot 5 \cdot 5}}$</p>
<p>5 Factor this exponent's base number and express it as a radical</p> <p>180^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 3 \cdot 3}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \cdot 5}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 2 \cdot 3 \cdot 3 \cdot 5}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 6 \cdot 3 \cdot 5}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 2 \cdot 3 \cdot 15}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \cdot 11}}$</p>	<p>6 Factor this exponent's base number and express it as a radical</p> <p>16^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 4 \cdot 2}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 7}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 2 \cdot 4}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 2 \cdot 2}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2}}$</p>
<p>7 Factor this exponent's base number and express it as a radical</p> <p>18^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 11}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 7}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 3 \cdot 3}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 3}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 13}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 3 \cdot 3 \cdot 5}}$</p>	<p>8 Factor this exponent's base number and express it as a radical</p> <p>80^($-\frac{1}{2}$)</p>	<p>A $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 5}}$</p> <p>C $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 10}}$</p> <p>E $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 5}}$</p>	<p>B $\frac{1}{\sqrt{2 \cdot 4 \cdot 2 \cdot 5}}$</p> <p>D $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2}}$</p> <p>F $\frac{1}{\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 5}}$</p>