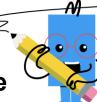


## mobius

## **Exponents - Negative Fractional Exponents with Non-Square Integer Base**



## number is raised to its exponent

$$(2 \cdot 2 \cdot 3 \cdot 3)^{(\frac{-1}{2})}$$

$$(2\cdot 2\cdot 2\cdot 2)^{\left(\frac{-1}{2}\right)}$$

$$\frac{1}{6\sqrt{4}} = \frac{1}{1}$$

$$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$$
  $\begin{bmatrix} 1 \\ 4 \end{bmatrix}$ 

$$\frac{1}{6}$$

$$\frac{1}{5}$$

$$\frac{1}{6\sqrt{2}}$$

$$\left|\frac{^{\mathsf{A}}}{4\sqrt{4}}\right|$$

$$\frac{1}{1}$$

$$\frac{1}{4\sqrt{3}}$$

$$\frac{1}{4}$$

$$\frac{1}{4\sqrt{2}}$$

Find the answer when this factored number is raised to its exponent

$$(3 \cdot 5 \cdot 5)^{(\frac{-1}{2})}$$

Find the answer when this factored number is raised to its exponent

$$(3\cdot 5\cdot 5)^{\left(\frac{-1}{2}\right)}$$

$$(2\cdot 2\cdot 2\cdot 2\cdot 3\cdot 3)$$

$$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$$

$$\overline{/3}$$
  $\frac{1}{1}$ 

Find the answer when this factored number is raised to its exponent

$$(2 \cdot 2 \cdot 5)^{(\frac{-1}{2})}$$

Find the answer when this factored number is raised to its exponent

$$(2 \cdot 2 \cdot 2 \cdot 2 \cdot 2)^{(\frac{-1}{2})}$$

$$\frac{1}{4\sqrt{5}}$$

$$\frac{1}{2\sqrt{5}}$$

$$\frac{1}{\sqrt{5}}$$

$$\frac{1}{2\sqrt{3}}$$

$$\frac{1}{2}$$

$$\frac{1}{2\sqrt{2}}$$

$$\frac{1}{3\sqrt{2}} \frac{1}{4\sqrt{2}}$$

$$\left|\frac{1}{4\sqrt{4}}\right|^{\frac{1}{4}}$$

Find the answer when this factored number is raised to its exponent

$$(2.2.3)^{\left(\frac{-1}{2}\right)}$$

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Find the answer when this factored number is raised to its exponent

$$(2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3)^{(\frac{-1}{2})}$$

$$(2 \cdot 2 \cdot 3)^{(\frac{-1}{2})}$$

$$\frac{1}{3\sqrt{6}}$$

$$\frac{1}{\sqrt{6}}$$

$$\begin{bmatrix} c \\ \frac{1}{4} \end{bmatrix}$$

$$\frac{1}{4\sqrt{4}}$$

$$rac{1}{\sqrt{4}} \left| rac{1}{4\sqrt{6}} \right|^{\frac{1}{5}}$$

$$\left|\frac{1}{4\sqrt{3}}\right|$$

$$\frac{1}{\sqrt{3}}$$

$$\frac{1}{5\sqrt{3}}$$

$$\left[\begin{array}{c} 1 \\ \frac{1}{2} \end{array}\right]$$

$$\frac{1}{3\sqrt{3}} \left| \frac{1}{2\sqrt{3}} \right|$$