Name

Exponents - Negative Fractional Exponents with Square Integer Base - Exponent to Answer

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

$25^{\left(\frac{-1}{2}\right)}$

A $\frac{1}{5\sqrt{2}}$ B $\frac{1}{5}$ C $\frac{1}{1}$

D $\frac{1}{5\sqrt{3}}$ E $\frac{1}{3}$ F $\frac{1}{4}$

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

$16^{\left(\frac{-1}{2}\right)}$

A $\frac{1}{4\sqrt{3}}$ B $\frac{1}{2}$ C $\frac{1}{4}$

D $\frac{1}{4\sqrt{2}}$ E $\frac{1}{5}$ F $\frac{1}{1}$

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

$9^{\left(\frac{-1}{2}\right)}$

A $\frac{1}{1}$ B $\frac{1}{5}$ C $\frac{1}{4}$

D $\frac{1}{3}$ E $\frac{1}{3\sqrt{4}}$ F $\frac{1}{3\sqrt{3}}$

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

$36^{\left(\frac{-1}{2}\right)}$

A $\frac{1}{4}$ B $\frac{1}{3}$ C $\frac{1}{1}$

D $\frac{1}{6}$ E $\frac{1}{2}$ F $\frac{1}{5}$

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

$4^{\left(\frac{-1}{2}\right)}$

A $\frac{1}{1}$ B $\frac{1}{4}$ C $\frac{1}{5}$

D $\frac{1}{2\sqrt{2}}$ E $\frac{1}{3}$ F $\frac{1}{2}$