



Exponents - Fractional Exponents with Unit Fractional Base

1 Find the answer when this fraction is raised to its exponent $\left(\frac{1}{4}\right)^{\left(\frac{1}{2}\right)}$	A $\sqrt{4}$	B $\frac{\sqrt{2}}{4}$	C $\frac{1}{2\sqrt{3}}$	2 Find the answer when this fraction is raised to its exponent $\left(\frac{1}{49}\right)^{\left(\frac{1}{2}\right)}$	A 1	B 4	C $\frac{1}{4}$
	D $\frac{1}{2}$	E 1	F $\frac{4}{2}$		D $\sqrt{3}$	E $\sqrt{4}$	F $\frac{1}{7}$
3 Find the answer when this fraction is raised to its exponent $\left(\frac{1}{121}\right)^{\left(\frac{1}{2}\right)}$	A $\frac{2}{5}$	B $\frac{\sqrt{3}}{11}$	C $\frac{1}{4}$	4 Find the answer when this fraction is raised to its exponent $\left(\frac{1}{9}\right)^{\left(\frac{1}{2}\right)}$	A $\frac{4}{3}$	B 1	C $\sqrt{4}$
	D 1	E $\frac{\sqrt{4}}{11}$	F $\frac{1}{11}$		D $\frac{5}{4}$	E $\frac{1}{3\sqrt{4}}$	F $\frac{1}{3}$
5 Find the answer when this fraction is raised to its exponent $\left(\frac{1}{25}\right)^{\left(\frac{1}{2}\right)}$	A 1	B $\sqrt{4}$	C $\frac{2}{5}$				
	D 4	E $\frac{1}{5}$	F $\frac{1}{5\sqrt{3}}$				