



Exponents - Fractional Base (Expanded)



1 Find the answer when this fraction is multiplied as shown $\left(\frac{4}{6}\right) \cdot \left(\frac{4}{6}\right)$	A 64	B 4	C $\frac{64}{12}$	2 Find the answer when this fraction is multiplied as shown $\left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)$	A $\frac{4}{25}$	B $\frac{7}{5}$	C $\frac{16}{625}$
	D $\frac{1}{33}$	E $\frac{16}{36}$	F $\frac{8}{12}$		D $\frac{4}{5}$	E $\frac{4}{7}$	F 2
3 Find the answer when this fraction is multiplied as shown $\left(\frac{2}{6}\right) \cdot \left(\frac{2}{6}\right)$	A $\frac{4}{39}$	B $\frac{4}{36}$	C $\frac{4}{12}$	4 Find the answer when this fraction is multiplied as shown $\left(\frac{4}{3}\right) \cdot \left(\frac{4}{3}\right)$	A $\frac{6}{81}$	B $\frac{256}{5}$	C $\frac{8}{3}$
	D 8	E $\frac{16}{8}$	F $\frac{16}{6}$		D $\frac{4}{27}$	E 19	F $\frac{16}{9}$
5 Find the answer when this fraction is multiplied as shown $\left(\frac{5}{6}\right) \cdot \left(\frac{5}{6}\right)$	A $\frac{1}{12}$	B $\frac{10}{12}$	C $\frac{10}{1,296}$	6 Find the answer when this fraction is multiplied as shown $\left(\frac{6}{3}\right) \cdot \left(\frac{6}{3}\right)$	A 12	B $\frac{216}{6}$	C $\frac{33}{6}$
	D 1	E 5	F $\frac{25}{36}$		D $\frac{12}{27}$	E $\frac{1}{27}$	F $\frac{36}{9}$
7 Find the answer when this fraction is multiplied as shown $\left(\frac{6}{4}\right) \cdot \left(\frac{6}{4}\right)$	A $\frac{6}{4}$	B $\frac{6}{13}$	C $\frac{36}{16}$	8 Find the answer when this fraction is multiplied as shown $\left(\frac{3}{2}\right) \cdot \left(\frac{3}{2}\right)$	A $\frac{9}{4}$	B $\frac{27}{7}$	C $\frac{5}{8}$
	D $\frac{1}{8}$	E $\frac{1}{13}$	F $\frac{12}{8}$		D $\frac{1}{2}$	E $\frac{5}{2}$	F $\frac{6}{4}$