



Exponents - Negative Fractional Base (Expanded Fraction)

1 Find the answer when this fraction is multiplied as shown $\left(\frac{-4}{6}\right) \cdot \left(\frac{-4}{6}\right)$	A $\frac{4}{12}$	B $\frac{4}{216}$	C $\frac{16}{36}$	2 Find the answer when this fraction is multiplied as shown $\left(\frac{-3}{5}\right) \cdot \left(\frac{-3}{5}\right)$	A 81	B $\frac{27}{5}$	C $\frac{81}{125}$
	D $\frac{13}{216}$	E $\frac{4}{6}$	F $\frac{64}{6}$		D $\frac{9}{25}$	E $\frac{27}{125}$	F $\frac{1}{10}$
3 Find the answer when this fraction is multiplied as shown $\left(\frac{-6}{3}\right) \cdot \left(\frac{-6}{3}\right)$	A $\frac{1}{12}$	B $\frac{6}{81}$	C $\frac{12}{6}$	4 Find the answer when this fraction is multiplied as shown $\left(\frac{-2}{6}\right) \cdot \left(\frac{-2}{6}\right)$	A $\frac{4}{6}$	B $\frac{4}{216}$	C $\frac{8}{39}$
	D $\frac{36}{9}$	E $\frac{6}{3}$	F $\frac{6}{6}$		D $\frac{4}{36}$	E $\frac{16}{12}$	F $\frac{16}{8}$
5 Find the answer when this fraction is multiplied as shown $\left(\frac{-2}{4}\right) \cdot \left(\frac{-2}{4}\right)$	A $\frac{16}{8}$	B $\frac{8}{19}$	C $\frac{4}{19}$	6 Find the answer when this fraction is multiplied as shown $\left(\frac{-3}{4}\right) \cdot \left(\frac{-3}{4}\right)$	A $\frac{27}{8}$	B -3	C $\frac{3}{4}$
	D $\frac{4}{64}$	E $\frac{8}{6}$	F $\frac{4}{16}$		D $\frac{9}{16}$	E $\frac{81}{4}$	F -6
7 Find the answer when this fraction is multiplied as shown $\left(\frac{-4}{2}\right) \cdot \left(\frac{-4}{2}\right)$	A $\frac{4}{2}$	B $\frac{1}{8}$	C -64	8 Find the answer when this fraction is multiplied as shown $\left(\frac{-5}{4}\right) \cdot \left(\frac{-5}{4}\right)$	A $\frac{25}{16}$	B $\frac{28}{13}$	C $\frac{625}{19}$
	D $\frac{8}{7}$	E $\frac{16}{4}$	F $\frac{1}{2}$		D $\frac{10}{4}$	E $\frac{10}{6}$	F $\frac{5}{256}$