



Exponents - Negative Fractional Base (Expanded Fraction)

1 Find the answer when this fraction is multiplied as shown $\left(-\frac{5}{7}\right) \cdot \left(-\frac{5}{7}\right)$	A $\frac{3}{14}$	B $\frac{1}{7}$	C $\frac{10}{14}$	2 Find the answer when this fraction is multiplied as shown $\left(-\frac{7}{4}\right) \cdot \left(-\frac{7}{4}\right)$	A $\frac{7}{8}$	B $\frac{49}{16}$	C $\frac{1}{13}$	
	D $\frac{625}{14}$	E $\frac{1}{9}$	F $\frac{25}{49}$		D $\frac{343}{64}$	E $\frac{14}{64}$	F $\frac{14}{8}$	
3 Find the answer when this fraction is multiplied as shown $\left(-\frac{2}{3}\right) \cdot \left(-\frac{2}{3}\right) \cdot \left(-\frac{2}{3}\right)$	4 Find the answer when this fraction is multiplied as shown $\left(-\frac{8}{6}\right) \cdot \left(-\frac{8}{6}\right)$	A 4,096	B $\frac{512}{33}$	C $\frac{8}{8}$				
A $\frac{4}{9}$	B $\frac{2}{81}$	C $\frac{8}{27}$	D $\frac{1}{24}$	E $\frac{16}{9}$	F $\frac{16}{81}$	D $\frac{64}{36}$	E $\frac{16}{216}$	F $\frac{16}{39}$
5 Find the answer when this fraction is multiplied as shown $\left(-\frac{7}{6}\right) \cdot \left(-\frac{7}{6}\right)$	A $\frac{343}{6}$	B $\frac{14}{216}$	C $\frac{49}{36}$	6 Find the answer when this fraction is multiplied as shown $\left(-\frac{8}{2}\right) \cdot \left(-\frac{8}{2}\right)$	A $\frac{512}{8}$	B $\frac{512}{7}$	C $\frac{8}{4}$	
	D $\frac{2,401}{6}$	E $-\frac{7}{6}$	F -7		D $-\frac{16}{16}$	E $-\frac{8}{2}$	F $\frac{64}{4}$	
7 Find the answer when this fraction is multiplied as shown $\left(-\frac{8}{7}\right) \cdot \left(-\frac{8}{7}\right)$	A $\frac{6}{9}$	B $\frac{1}{7}$	C $\frac{4,096}{14}$	8 Find the answer when this fraction is multiplied as shown $\left(-\frac{5}{8}\right) \cdot \left(-\frac{5}{8}\right)$	A $\frac{125}{16}$	B $\frac{25}{64}$	C $\frac{125}{67}$	
	D $-\frac{512}{14}$	E $-\frac{512}{7}$	F $\frac{64}{49}$		D $-\frac{10}{10}$	E $-\frac{3}{512}$	F $-\frac{3}{8}$	