



Exponents - Unit Fraction Base (Expanded)

1 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)$$

A	B	C	D	E	F
$\frac{2}{32}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{5}{8}$	$\frac{4}{8}$	$\frac{1}{16}$

2 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{10}\right) \cdot \left(\frac{1}{10}\right)$$

A	B	C
$\frac{1}{20}$	$\frac{2}{1,000}$	$\frac{2}{20}$
D	E	F
$\frac{2}{10,000}$	$\frac{3}{1,000}$	$\frac{1}{100}$

3 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)$$

A	B	C	D	E	F
$\frac{2}{7}$	$\frac{1}{16}$	$\frac{1}{64}$	$\frac{1}{32}$	$\frac{1}{7}$	$\frac{6}{10}$

4 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right) \cdot \left(\frac{1}{5}\right)$$

A	B	C	D	E	F
$\frac{1}{122}$	$\frac{1}{5}$	$\frac{1}{625}$	$\frac{4}{15}$	$\frac{1}{25}$	$\frac{1}{125}$

5 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{9}\right) \cdot \left(\frac{1}{9}\right)$$

A	B	C
$\frac{1}{11}$	$\frac{1}{9}$	$\frac{1}{81}$
D	E	F
$\frac{2}{78}$	$\frac{2}{6,561}$	$\frac{1}{729}$

6 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{11}\right) \cdot \left(\frac{1}{11}\right)$$

A	B	C
$\frac{1}{14,641}$	$\frac{1}{121}$	1
D	E	F
$\frac{2}{1,331}$	$\frac{1}{124}$	$\frac{2}{11}$

7 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)$$

A	B	C	D	E	F
$\frac{1}{81}$	$\frac{4}{243}$	$\frac{1}{27}$	$\frac{4}{27}$	$\frac{1}{12}$	$\frac{1}{7}$

8 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{6}\right) \cdot \left(\frac{1}{6}\right) \cdot \left(\frac{1}{6}\right)$$

A	B	C	D	E	F
$\frac{4}{1,296}$	$\frac{4}{6}$	$\frac{2}{6}$	$\frac{1}{36}$	$\frac{1}{216}$	$\frac{1}{213}$