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Math worksheet on *'Exponents - Unit Fraction Base (Expanded) (Level 1)'*. Part of a broader unit on *'Exponents - Fractional Bases and Exponents - Intro'*

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1 Find the answer when this fraction is multiplied as shown

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

a $\dfrac{1}{6}$	b $\dfrac{1}{1,296}$	c $\dfrac{1}{33}$
d $\dfrac{1}{36}$	e $-\dfrac{2}{12}$	f $\dfrac{1}{216}$

2 Find the answer when this fraction is multiplied as shown

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

a $\dfrac{1}{27}$	b $\dfrac{2}{81}$	c $\dfrac{4}{81}$
d $-\dfrac{2}{27}$	e $\dfrac{1}{9}$	f $\dfrac{1}{5}$

3 Find the answer when this fraction is multiplied as shown

$$\left(\frac{1}{4}\right) \cdot \left(\frac{1}{4}\right)$$

a $-\dfrac{2}{8}$	b $\dfrac{2}{256}$	c 1
d $\dfrac{1}{16}$	e $\dfrac{1}{64}$	f $\dfrac{2}{4}$

4 Find the answer when this fraction is multiplied as shown

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

a $\dfrac{1}{2}$	b $\dfrac{2}{4}$	c $\dfrac{2}{2}$
d 3	e $\dfrac{1}{4}$	f $-\dfrac{2}{8}$

5 Find the answer when this fraction is multiplied as shown

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

a $\dfrac{1}{5}$	b $-\dfrac{2}{7}$	c $\dfrac{1}{7}$
d $\dfrac{1}{125}$	e $\dfrac{1}{25}$	f $-\dfrac{2}{125}$