Math worksheet on *'Exponents - Negative Unit Fraction Base (Expanded Fraction) (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

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

a $-\frac{1}{5}$ **b** -2 **c** $\frac{1}{6}$

d $\frac{1}{12}$ **e** $\frac{1}{9}$ **f** $\frac{1}{3}$

2 Find the answer when this fraction is multiplied as shown

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

a -2 **b** $-\frac{2}{4}$ **c** $\frac{4}{6}$

d $-\frac{1}{6}$ **e** $\frac{1}{16}$ **f** $\frac{1}{256}$

3 Find the answer when this fraction is multiplied as shown

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

a $-\frac{2}{10}$ **b** $-\frac{1}{5}$ **c** $-\frac{1}{125}$

d -2 **e** $\frac{1}{10}$ **f** $\frac{1}{25}$

4 Find the answer when this fraction is multiplied as shown

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

a $\frac{1}{12}$ **b** $-\frac{2}{6}$ **c** $\frac{1}{1,296}$

d $-\frac{1}{6}$ **e** $\frac{1}{36}$ **f** $-\frac{1}{12}$

5 Find the answer when this fraction is multiplied as shown

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

a $-\frac{1}{2}$ **b** -1 **c** $\frac{1}{4}$

d $-\frac{2}{2}$ **e** $-\frac{1}{4}$ **f** 1