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Math worksheet on *'Exponents - Negative Unit Fraction Base (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 raised to its exponent

$$\left(\frac{-1}{3}\right)^2$$

a $\frac{1}{9}$	**b** $-\frac{2}{3}$	**c** $\frac{1}{5}$
d $\frac{1}{27}$	**e** $\frac{1}{6}$	**f** $-\frac{1}{6}$

2 Find the answer when this fraction is raised to its exponent

$$\left(\frac{-1}{5}\right)^2$$

a $-\frac{2}{10}$	**b** $\frac{4}{7}$	**c** $-\frac{2}{5}$
d $\frac{1}{7}$	**e** $\frac{1}{28}$	**f** $\frac{1}{25}$

3 Find the answer when this fraction is raised to its exponent

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

a $\frac{1}{4}$	**b** -2	**c** $-\frac{1}{8}$
d $-\frac{2}{2}$	**e** $-\frac{1}{2}$	**f** $\frac{1}{8}$

4 Find the answer when this fraction is raised to its exponent

$$\left(\frac{-1}{6}\right)^2$$

a $-\frac{1}{12}$	**b** $\frac{1}{12}$	**c** $-\frac{1}{216}$
d $\frac{1}{6}$	**e** $\frac{1}{36}$	**f** $\frac{1}{1,296}$

5 Find the answer when this fraction is raised to its exponent

$$\left(\frac{-1}{4}\right)^2$$

a 1	**b** $\frac{1}{64}$	**c** $\frac{1}{16}$
d $\frac{1}{19}$	**e** -2	**f** $-\frac{1}{8}$