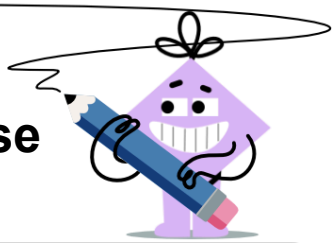
Name

Exponents - Negative Unit Fraction Base



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

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

A $-\frac{1}{2}$ B $-\frac{1}{8}$ C -2

D $-\frac{2}{2}$ E $\frac{1}{4}$ F $\frac{1}{8}$

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

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

A $\frac{1}{5}$ B $\frac{1}{27}$ C $-\frac{1}{6}$

D $\frac{1}{9}$ E $-\frac{2}{3}$ F $\frac{1}{6}$

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

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

A $-\frac{1}{8}$ B $\frac{1}{16}$ C -2

D 1 E $\frac{1}{64}$ F $\frac{1}{19}$

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

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

A $\frac{4}{7}$ B $-\frac{2}{5}$ C $\frac{1}{28}$

D $\frac{1}{25}$ E $\frac{1}{7}$ F $-\frac{2}{10}$

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

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

A $\frac{1}{36}$ B $-\frac{1}{216}$ C $-\frac{1}{12}$

D $\frac{1}{1,296}$ E $\frac{1}{12}$ F $\frac{1}{6}$