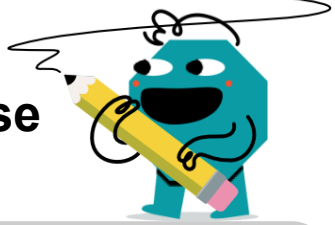
Name

Exponents - Negative Unit Fraction Base



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

$$\left(\frac{-1}{4}\right)^3$$

A $\frac{1}{67}$ B $\frac{1}{1,024}$ C $\frac{2}{256}$

D $-\frac{1}{64}$ E $\frac{2}{12}$ F $\frac{2}{7}$

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

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

A $\frac{1}{9}$ B $-\frac{3}{3}$ C $-\frac{3}{81}$

D $-\frac{3}{6}$ E $-\frac{1}{27}$ F $-\frac{1}{30}$

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

$$\left(\frac{-1}{8}\right)^2$$

A $-\frac{2}{8}$ B -2 C $-\frac{1}{4,096}$

D $\frac{1}{8}$ E $-\frac{2}{4,096}$ F $\frac{1}{64}$

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

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

A $-\frac{1}{8}$ B $\frac{2}{4}$ C $\frac{1}{4}$

D $-\frac{3}{6}$ E $\frac{2}{16}$ F $-\frac{1}{16}$

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

$$\left(\frac{-1}{7}\right)^2$$

A $\frac{1}{49}$ B -1 C $-\frac{2}{2,401}$

D $\frac{1}{9}$ E $-\frac{1}{7}$ F $-\frac{1}{9}$