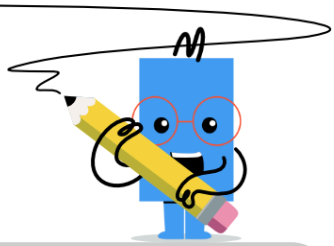
Name

Exponents - Unit Fraction Base



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

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

A $-\frac{2}{243}$ B $\frac{1}{27}$ C $\frac{1}{81}$

D $\frac{1}{3}$ E $\frac{1}{9}$ F $\frac{3}{3}$

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

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

A $\frac{4}{4}$ B $\frac{1}{16}$ C $-\frac{2}{7}$

D $\frac{1}{12}$ E $\frac{1}{64}$ F $\frac{3}{256}$

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

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

A $\frac{4}{7}$ B $\frac{1}{7}$ C $\frac{2}{52}$

D $\frac{2}{9}$ E $\frac{1}{14}$ F $\frac{1}{49}$

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

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

A $\frac{4}{512}$ B $\frac{2}{512}$ C 2

D $\frac{1}{64}$ E $\frac{3}{16}$ F $\frac{3}{61}$

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

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

A $\frac{1}{6}$ B $\frac{1}{11}$ C $\frac{3}{6}$

D $\frac{3}{5}$ E $\frac{1}{8}$ F $\frac{1}{16}$