Name

Exponents - Negative Unit Fraction Base (Expanded Fraction)

1 Find the answer when this fraction is multiplied as shown

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

A $\frac{1}{64}$ B $-\frac{2}{16}$ C 1

D $-\frac{2}{512}$ E $-\frac{1}{8}$ F $\frac{1}{4,096}$

2 Find the answer when this fraction is multiplied as shown

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

A $\frac{1}{49}$ B $-\frac{1}{343}$ C $-\frac{1}{2,401}$

D $-\frac{2}{9}$ E 1 F $\frac{4}{9}$

3 Find the answer when this fraction is multiplied as shown

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

A $\frac{1}{9}$ B $-\frac{1}{9}$ C $\frac{2}{81}$ D $-\frac{1}{27}$ E $\frac{2}{9}$ F $\frac{1}{30}$

4 Find the answer when this fraction is multiplied as shown

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

A $-\frac{1}{16}$ B $-\frac{4}{6}$ C $\frac{2}{32}$ D $\frac{1}{16}$ E $-\frac{1}{8}$ F $\frac{1}{32}$

5 Find the answer when this fraction is multiplied as shown

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

A $-\frac{3}{12}$ B $\frac{1}{4}$ C $\frac{1}{1,024}$ D $\frac{1}{12}$ E $-\frac{1}{64}$ F $-\frac{3}{256}$