mobius

Math worksheet on *'Exponents - Negative Unit Fraction Base (Expanded Fraction) (Level 1)'*. Part of a broader unit on *'Exponents - Fractional Bases and Exponents - Intro'*

Learn online:
app.mobius.academy/math/units/exponents_fractional_bases_and_exponents_intro/

1 Find the answer when this fraction is multiplied as shown

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

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

2 Find the answer when this fraction is multiplied as shown

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

a	b	c
$\frac{1}{16}$	$\frac{4}{6}$	-2
d $-\frac{2}{4}$	**e** $-\frac{1}{6}$	**f** $\frac{1}{256}$

3 Find the answer when this fraction is multiplied as shown

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

a	b	c
$-\frac{1}{5}$	$-\frac{2}{10}$	$\frac{1}{10}$
d -2	**e** $-\frac{1}{125}$	**f** $\frac{1}{25}$

4 Find the answer when this fraction is multiplied as shown

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

a	b	c
$-\frac{1}{12}$	$-\frac{1}{6}$	$-\frac{2}{6}$
d $\frac{1}{12}$	**e** $\frac{1}{36}$	**f** $\frac{1}{1,296}$

5 Find the answer when this fraction is multiplied as shown

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

a	b	c
$-\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{12}$
d -2	**e** $\frac{1}{9}$	**f** $\frac{1}{6}$

Math learning portal. Enrichment classes. Tutoring. Math games to engage kids. (mobiusmathclub.com)