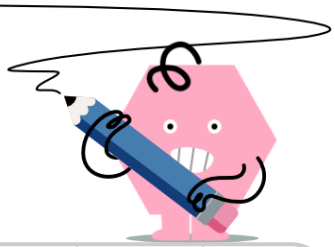
Name

Exponents - Negative Fractional Base



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

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

A $-\frac{216}{4}$ B -12 C $\frac{33}{8}$

D 1 E $\frac{36}{4}$ F $-\frac{6}{8}$

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

$$\left(\frac{-6}{5}\right)^2$$

A $-\frac{4}{5}$ B $-\frac{216}{10}$ C $-\frac{6}{125}$

D $-\frac{216}{625}$ E $\frac{1}{28}$ F $\frac{36}{25}$

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

$$\left(\frac{-6}{3}\right)^2$$

A $\frac{1,296}{6}$ B $\frac{36}{9}$ C $-\frac{6}{3}$

D -6 E $-\frac{4}{5}$ F $-\frac{12}{6}$

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

$$\left(\frac{-5}{6}\right)^2$$

A -10 B $-\frac{125}{1,296}$ C $\frac{25}{36}$

D $-\frac{5}{216}$ E $-\frac{125}{39}$ F $-\frac{10}{216}$

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

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

A $\frac{7}{12}$ B $-\frac{8}{1,296}$ C $-\frac{8}{6}$

D $\frac{4}{36}$ E $\frac{1}{33}$ F $-\frac{2}{12}$

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

$$\left(\frac{-3}{5}\right)^2$$

A $-\frac{6}{10}$ B $-\frac{27}{125}$ C $-\frac{1}{125}$

D $-\frac{6}{5}$ E $\frac{9}{25}$ F $\frac{81}{5}$

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

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

A $-\frac{8}{10}$ B $-\frac{2}{10}$ C 1

D $-\frac{4}{625}$ E $\frac{4}{25}$ F $\frac{1}{5}$

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

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

A $-\frac{64}{4}$ B $\frac{256}{8}$ C $-\frac{8}{7}$

D $-\frac{8}{4}$ E $\frac{16}{4}$ F $-\frac{8}{16}$