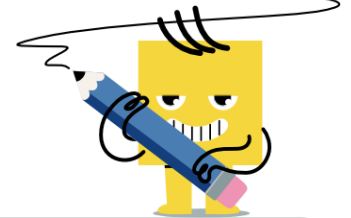




Exponents - Fractional Base



1

Find the answer when this fraction is raised to its exponent

$$\left(\frac{8}{5}\right)^2$$

A $\frac{61}{22}$

B $\frac{16}{28}$

C $\frac{64}{25}$

D $\frac{10}{10}$

E $\frac{67}{22}$

F $\frac{61}{125}$

2

Find the answer when this fraction is raised to its exponent

$$\left(\frac{5}{8}\right)^2$$

A $\frac{10}{67}$

B $\frac{10}{10}$

C $\frac{10}{8}$

D $\frac{25}{64}$

E $\frac{1}{4,096}$

F $\frac{10}{512}$

3

Find the answer when this fraction is raised to its exponent

$$\left(\frac{7}{4}\right)^2$$

A $\frac{7}{13}$

B $\frac{9}{8}$

C $\frac{49}{16}$

D $\frac{9}{64}$

E $\frac{2,401}{256}$

F $\frac{7}{16}$

4

Find the answer when this fraction is raised to its exponent

$$\left(\frac{8}{4}\right)^2$$

A $\frac{1}{64}$

B $\frac{64}{16}$

C $\frac{10}{19}$

D $\frac{512}{8}$

E $\frac{16}{256}$

F $\frac{8}{8}$

5

Find the answer when this fraction is raised to its exponent

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

A $\frac{343}{2}$

B $\frac{9}{2}$

C $\frac{49}{4}$

D $\frac{7}{9}$

E $\frac{9}{46}$

F $\frac{46}{8}$

6

Find the answer when this fraction is raised to its exponent

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

A $\frac{9}{4}$

B $\frac{6}{5}$

C $\frac{81}{4}$

D $\frac{9}{16}$

E $\frac{27}{8}$

F $\frac{3}{2}$

7

Find the answer when this fraction is raised to its exponent

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

A $\frac{256}{9}$

B $\frac{16}{24}$

C $\frac{1,024}{3}$

D $\frac{12}{3}$

E $\frac{64}{27}$

F $\frac{16}{9}$

8

Find the answer when this fraction is raised to its exponent

$$\left(\frac{4}{2}\right)^3$$

A $\frac{16}{6}$

B $\frac{256}{6}$

C $\frac{12}{2}$

D $\frac{64}{8}$

E $\frac{12}{16}$

F $\frac{256}{4}$