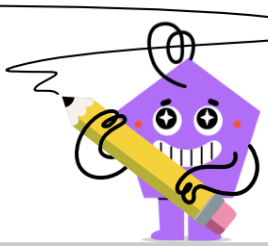
Name



Exponents - Fractional Exponents with Square Integer Base - Exponent to Radical

1 Find the radical that is the same as this number raised to its exponent

$9^{\left(\frac{1}{2}\right)}$

A 1 | B $4\sqrt{9}$ | C $2\sqrt{9}$

D $\sqrt{9}$ | E $3\sqrt{9}$ | F $\sqrt{4}$

2 Find the radical that is the same as this number raised to its exponent

$16^{\left(\frac{1}{2}\right)}$

A $2\sqrt{16}$ | B $4\sqrt{16}$ | C $3\sqrt{16}$

D 1 | E $\sqrt{16}$ | F $\sqrt{2}$

3 Find the radical that is the same as this number raised to its exponent

$25^{\left(\frac{1}{2}\right)}$

A $\sqrt{2}$ | B $3\sqrt{25}$ | C $\sqrt{25}^{2}$

D $\frac{1}{\sqrt{25}}$ | E $\sqrt{25}$ | F 1

4 Find the radical that is the same as this number raised to its exponent

$4^{\left(\frac{1}{2}\right)}$

A 1 | B $4\sqrt{4}$ | C $3\sqrt{4}$

D $\sqrt{4}$ | E $2\sqrt{4}$ | F $\sqrt{3}$

5 Find the radical that is the same as this number raised to its exponent

$36^{\left(\frac{1}{2}\right)}$

A $4\sqrt{36}$ | B $\sqrt{36}$ | C $5\sqrt{36}$

D $3\sqrt{36}$ | E $2\sqrt{36}$ | F 1