

# Puissances et Racines (A)

Trouvez la racine ou calculez l'exposant.

$$\sqrt{676} = \underline{\hspace{2cm}} \quad \sqrt{361} = \underline{\hspace{2cm}} \quad \sqrt{9} = \underline{\hspace{2cm}}$$

$$\sqrt{121} = \underline{\hspace{2cm}} \quad \sqrt[3]{1\,000} = \underline{\hspace{2cm}} \quad \sqrt[3]{3\,375} = \underline{\hspace{2cm}}$$

$$\sqrt{36} = \underline{\hspace{2cm}} \quad \sqrt{324} = \underline{\hspace{2cm}} \quad \sqrt[4]{104\,976} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{614\,656} = \underline{\hspace{2cm}} \quad \sqrt[3]{27\,000} = \underline{\hspace{2cm}} \quad \sqrt[3]{512} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{125} = \underline{\hspace{2cm}} \quad \sqrt[3]{1} = \underline{\hspace{2cm}} \quad \sqrt{841} = \underline{\hspace{2cm}}$$

$$19^4 = \underline{\hspace{2cm}} \quad 17^2 = \underline{\hspace{2cm}} \quad 27^3 = \underline{\hspace{2cm}}$$

$$31^2 = \underline{\hspace{2cm}} \quad 21^3 = \underline{\hspace{2cm}} \quad 14^2 = \underline{\hspace{2cm}}$$

$$18^3 = \underline{\hspace{2cm}} \quad 28^2 = \underline{\hspace{2cm}} \quad 31^2 = \underline{\hspace{2cm}}$$

$$22^3 = \underline{\hspace{2cm}} \quad 18^3 = \underline{\hspace{2cm}} \quad 17^4 = \underline{\hspace{2cm}}$$

$$16^3 = \underline{\hspace{2cm}} \quad 12^2 = \underline{\hspace{2cm}} \quad 17^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (A) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt{676} = 26 \quad \sqrt{361} = 19 \quad \sqrt{9} = 3$$

$$\sqrt{121} = 11 \quad \sqrt[3]{1\,000} = 10 \quad \sqrt[3]{3\,375} = 15$$

$$\sqrt{36} = 6 \quad \sqrt{324} = 18 \quad \sqrt[4]{104\,976} = 18$$

$$\sqrt[4]{614\,656} = 28 \quad \sqrt[3]{27\,000} = 30 \quad \sqrt[3]{512} = 8$$

$$\sqrt[3]{125} = 5 \quad \sqrt[3]{1} = 1 \quad \sqrt{841} = 29$$

$$19^4 = 130321$$

$$17^2 = 289$$

$$27^3 = 19683$$

$$31^2 = 961$$

$$21^3 = 9261$$

$$14^2 = 196$$

$$18^3 = 5832$$

$$28^2 = 784$$

$$31^2 = 961$$

$$22^3 = 10648$$

$$18^3 = 5832$$

$$17^4 = 83521$$

$$16^3 = 4096$$

$$12^2 = 144$$

$$17^4 = 83521$$

## Puissances et Racines (B)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[4]{10\,000} = \underline{\hspace{2cm}} \quad \sqrt{256} = \underline{\hspace{2cm}} \quad \sqrt[4]{4\,096} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{4\,096} = \underline{\hspace{2cm}} \quad \sqrt{841} = \underline{\hspace{2cm}} \quad \sqrt{16} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{512} = \underline{\hspace{2cm}} \quad \sqrt[4]{14\,641} = \underline{\hspace{2cm}} \quad \sqrt[3]{216} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{8} = \underline{\hspace{2cm}} \quad \sqrt[4]{923\,521} = \underline{\hspace{2cm}} \quad \sqrt[4]{4\,096} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{8\,000} = \underline{\hspace{2cm}} \quad \sqrt[4]{390\,625} = \underline{\hspace{2cm}} \quad \sqrt[4]{1\,296} = \underline{\hspace{2cm}}$$

$$11^3 = \underline{\hspace{2cm}} \quad 20^2 = \underline{\hspace{2cm}} \quad 29^2 = \underline{\hspace{2cm}}$$

$$16^2 = \underline{\hspace{2cm}} \quad 20^3 = \underline{\hspace{2cm}} \quad 31^2 = \underline{\hspace{2cm}}$$

$$22^2 = \underline{\hspace{2cm}} \quad 9^2 = \underline{\hspace{2cm}} \quad 4^4 = \underline{\hspace{2cm}}$$

$$24^2 = \underline{\hspace{2cm}} \quad 15^3 = \underline{\hspace{2cm}} \quad 27^2 = \underline{\hspace{2cm}}$$

$$32^3 = \underline{\hspace{2cm}} \quad 19^3 = \underline{\hspace{2cm}} \quad 20^3 = \underline{\hspace{2cm}}$$

## Puissances et Racines (B) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[4]{10\,000} = 10 \qquad \sqrt{256} = 16 \qquad \sqrt[4]{4\,096} = 8$$

$$\sqrt[4]{4\,096} = 8 \qquad \sqrt{841} = 29 \qquad \sqrt{16} = 4$$

$$\sqrt[3]{512} = 8 \qquad \sqrt[4]{14\,641} = 11 \qquad \sqrt[3]{216} = 6$$

$$\sqrt[3]{8} = 2 \qquad \sqrt[4]{923\,521} = 31 \qquad \sqrt[4]{4\,096} = 8$$

$$\sqrt[3]{8\,000} = 20 \qquad \sqrt[4]{390\,625} = 25 \qquad \sqrt[4]{1\,296} = 6$$

$$11^3 = 1331 \qquad 20^2 = 400 \qquad 29^2 = 841$$

$$16^2 = 256 \qquad 20^3 = 8000 \qquad 31^2 = 961$$

$$22^2 = 484 \qquad 9^2 = 81 \qquad 4^4 = 256$$

$$24^2 = 576 \qquad 15^3 = 3375 \qquad 27^2 = 729$$

$$32^3 = 32768 \qquad 19^3 = 6859 \qquad 20^3 = 8000$$

# Puissances et Racines (C)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[4]{14\,641} = \underline{\hspace{2cm}} \quad \sqrt[3]{3\,375} = \underline{\hspace{2cm}} \quad \sqrt[3]{13\,824} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{21\,952} = \underline{\hspace{2cm}} \quad \sqrt[3]{8} = \underline{\hspace{2cm}} \quad \sqrt[3]{21\,952} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{38\,416} = \underline{\hspace{2cm}} \quad \sqrt{576} = \underline{\hspace{2cm}} \quad \sqrt[4]{256} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{65\,536} = \underline{\hspace{2cm}} \quad \sqrt[3]{216} = \underline{\hspace{2cm}} \quad \sqrt[4]{625} = \underline{\hspace{2cm}}$$

$$\sqrt{4} = \underline{\hspace{2cm}} \quad \sqrt{289} = \underline{\hspace{2cm}} \quad \sqrt[4]{531\,441} = \underline{\hspace{2cm}}$$

$$2^4 = \underline{\hspace{2cm}} \quad 16^4 = \underline{\hspace{2cm}} \quad 26^4 = \underline{\hspace{2cm}}$$

$$11^4 = \underline{\hspace{2cm}} \quad 4^2 = \underline{\hspace{2cm}} \quad 6^2 = \underline{\hspace{2cm}}$$

$$18^3 = \underline{\hspace{2cm}} \quad 32^2 = \underline{\hspace{2cm}} \quad 14^3 = \underline{\hspace{2cm}}$$

$$9^3 = \underline{\hspace{2cm}} \quad 28^2 = \underline{\hspace{2cm}} \quad 27^4 = \underline{\hspace{2cm}}$$

$$31^2 = \underline{\hspace{2cm}} \quad 5^2 = \underline{\hspace{2cm}} \quad 25^2 = \underline{\hspace{2cm}}$$

# Puissances et Racines (C) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[4]{14\,641} = 11$$

$$\sqrt[3]{3\,375} = 15$$

$$\sqrt[3]{13\,824} = 24$$

$$\sqrt[3]{21\,952} = 28$$

$$\sqrt[3]{8} = 2$$

$$\sqrt[3]{21\,952} = 28$$

$$\sqrt[4]{38\,416} = 14$$

$$\sqrt{576} = 24$$

$$\sqrt[4]{256} = 4$$

$$\sqrt[4]{65\,536} = 16$$

$$\sqrt[3]{216} = 6$$

$$\sqrt[4]{625} = 5$$

$$\sqrt{4} = 2$$

$$\sqrt{289} = 17$$

$$\sqrt[4]{531\,441} = 27$$

$$2^4 = 16$$

$$16^4 = 65536$$

$$26^4 = 456976$$

$$11^4 = 14641$$

$$4^2 = 16$$

$$6^2 = 36$$

$$18^3 = 5832$$

$$32^2 = 1024$$

$$14^3 = 2744$$

$$9^3 = 729$$

$$28^2 = 784$$

$$27^4 = 531441$$

$$31^2 = 961$$

$$5^2 = 25$$

$$25^2 = 625$$

## Puissances et Racines (D)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{19\,683} = \underline{\hspace{2cm}} \quad \sqrt{49} = \underline{\hspace{2cm}} \quad \sqrt[4]{160\,000} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{256} = \underline{\hspace{2cm}} \quad \sqrt[4]{81} = \underline{\hspace{2cm}} \quad \sqrt[3]{2\,744} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{1\,000} = \underline{\hspace{2cm}} \quad \sqrt[4]{194\,481} = \underline{\hspace{2cm}} \quad \sqrt[4]{456\,976} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{4\,913} = \underline{\hspace{2cm}} \quad \sqrt[3]{12\,167} = \underline{\hspace{2cm}} \quad \sqrt[3]{6\,859} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{83\,521} = \underline{\hspace{2cm}} \quad \sqrt[4]{16} = \underline{\hspace{2cm}} \quad \sqrt[4]{83\,521} = \underline{\hspace{2cm}}$$

$$26^4 = \underline{\hspace{2cm}} \quad 20^3 = \underline{\hspace{2cm}} \quad 2^3 = \underline{\hspace{2cm}}$$

$$5^3 = \underline{\hspace{2cm}} \quad 23^2 = \underline{\hspace{2cm}} \quad 6^4 = \underline{\hspace{2cm}}$$

$$31^2 = \underline{\hspace{2cm}} \quad 22^4 = \underline{\hspace{2cm}} \quad 31^3 = \underline{\hspace{2cm}}$$

$$26^4 = \underline{\hspace{2cm}} \quad 12^4 = \underline{\hspace{2cm}} \quad 19^2 = \underline{\hspace{2cm}}$$

$$2^4 = \underline{\hspace{2cm}} \quad 23^4 = \underline{\hspace{2cm}} \quad 30^3 = \underline{\hspace{2cm}}$$

# Puissances et Racines (D) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{19\,683} = 27$$

$$\sqrt{49} = 7$$

$$\sqrt[4]{160\,000} = 20$$

$$\sqrt[4]{256} = 4$$

$$\sqrt[4]{81} = 3$$

$$\sqrt[3]{2\,744} = 14$$

$$\sqrt[3]{1\,000} = 10$$

$$\sqrt[4]{194\,481} = 21$$

$$\sqrt[4]{456\,976} = 26$$

$$\sqrt[3]{4\,913} = 17$$

$$\sqrt[3]{12\,167} = 23$$

$$\sqrt[3]{6\,859} = 19$$

$$\sqrt[4]{83\,521} = 17$$

$$\sqrt[4]{16} = 2$$

$$\sqrt[4]{83\,521} = 17$$

$$26^4 = 456976$$

$$20^3 = 8000$$

$$2^3 = 8$$

$$5^3 = 125$$

$$23^2 = 529$$

$$6^4 = 1296$$

$$31^2 = 961$$

$$22^4 = 234256$$

$$31^3 = 29791$$

$$26^4 = 456976$$

$$12^4 = 20736$$

$$19^2 = 361$$

$$2^4 = 16$$

$$23^4 = 279841$$

$$30^3 = 27000$$



# Puissances et Racines (E)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{21\,952} = \underline{\hspace{2cm}} \quad \sqrt[3]{10\,648} = \underline{\hspace{2cm}} \quad \sqrt[3]{3\,375} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{1} = \underline{\hspace{2cm}} \quad \sqrt[4]{456\,976} = \underline{\hspace{2cm}} \quad \sqrt[3]{4\,096} = \underline{\hspace{2cm}}$$

$$\sqrt{784} = \underline{\hspace{2cm}} \quad \sqrt[4]{160\,000} = \underline{\hspace{2cm}} \quad \sqrt[3]{5\,832} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{64} = \underline{\hspace{2cm}} \quad \sqrt[3]{12\,167} = \underline{\hspace{2cm}} \quad \sqrt[4]{707\,281} = \underline{\hspace{2cm}}$$

$$\sqrt{49} = \underline{\hspace{2cm}} \quad \sqrt[3]{1} = \underline{\hspace{2cm}} \quad \sqrt[4]{16} = \underline{\hspace{2cm}}$$

$$30^3 = \underline{\hspace{2cm}} \quad 17^4 = \underline{\hspace{2cm}} \quad 18^3 = \underline{\hspace{2cm}}$$

$$16^4 = \underline{\hspace{2cm}} \quad 20^2 = \underline{\hspace{2cm}} \quad 12^3 = \underline{\hspace{2cm}}$$

$$18^2 = \underline{\hspace{2cm}} \quad 19^4 = \underline{\hspace{2cm}} \quad 14^4 = \underline{\hspace{2cm}}$$

$$19^2 = \underline{\hspace{2cm}} \quad 9^2 = \underline{\hspace{2cm}} \quad 15^2 = \underline{\hspace{2cm}}$$

$$26^4 = \underline{\hspace{2cm}} \quad 26^4 = \underline{\hspace{2cm}} \quad 32^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (E) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{21\,952} = 28$$

$$\sqrt[3]{10\,648} = 22$$

$$\sqrt[3]{3\,375} = 15$$

$$\sqrt[3]{1} = 1$$

$$\sqrt[4]{456\,976} = 26$$

$$\sqrt[3]{4\,096} = 16$$

$$\sqrt{784} = 28$$

$$\sqrt[4]{160\,000} = 20$$

$$\sqrt[3]{5\,832} = 18$$

$$\sqrt[3]{64} = 4$$

$$\sqrt[3]{12\,167} = 23$$

$$\sqrt[4]{707\,281} = 29$$

$$\sqrt{49} = 7$$

$$\sqrt[3]{1} = 1$$

$$\sqrt[4]{16} = 2$$

$$30^3 = 27000$$

$$17^4 = 83521$$

$$18^3 = 5832$$

$$16^4 = 65536$$

$$20^2 = 400$$

$$12^3 = 1728$$

$$18^2 = 324$$

$$19^4 = 130321$$

$$14^4 = 38416$$

$$19^2 = 361$$

$$9^2 = 81$$

$$15^2 = 225$$

$$26^4 = 456976$$

$$26^4 = 456976$$

$$32^4 = 1048576$$

# Puissances et Racines (F)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{32\,768} = \underline{\hspace{2cm}} \quad \sqrt[3]{17\,576} = \underline{\hspace{2cm}} \quad \sqrt{169} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{810\,000} = \underline{\hspace{2cm}} \quad \sqrt{625} = \underline{\hspace{2cm}} \quad \sqrt[4]{1\,296} = \underline{\hspace{2cm}}$$

$$\sqrt{16} = \underline{\hspace{2cm}} \quad \sqrt[3]{8} = \underline{\hspace{2cm}} \quad \sqrt{961} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{15\,625} = \underline{\hspace{2cm}} \quad \sqrt{961} = \underline{\hspace{2cm}} \quad \sqrt[3]{729} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{216} = \underline{\hspace{2cm}} \quad \sqrt[3]{13\,824} = \underline{\hspace{2cm}} \quad \sqrt[3]{8} = \underline{\hspace{2cm}}$$

$$24^4 = \underline{\hspace{2cm}} \quad 15^3 = \underline{\hspace{2cm}} \quad 32^3 = \underline{\hspace{2cm}}$$

$$17^3 = \underline{\hspace{2cm}} \quad 4^2 = \underline{\hspace{2cm}} \quad 8^4 = \underline{\hspace{2cm}}$$

$$30^3 = \underline{\hspace{2cm}} \quad 31^4 = \underline{\hspace{2cm}} \quad 28^4 = \underline{\hspace{2cm}}$$

$$17^2 = \underline{\hspace{2cm}} \quad 12^3 = \underline{\hspace{2cm}} \quad 25^2 = \underline{\hspace{2cm}}$$

$$31^2 = \underline{\hspace{2cm}} \quad 8^4 = \underline{\hspace{2cm}} \quad 16^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (F) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{32\,768} = 32$$

$$\sqrt[3]{17\,576} = 26$$

$$\sqrt{169} = 13$$

$$\sqrt[4]{810\,000} = 30$$

$$\sqrt{625} = 25$$

$$\sqrt[4]{1\,296} = 6$$

$$\sqrt{16} = 4$$

$$\sqrt[3]{8} = 2$$

$$\sqrt{961} = 31$$

$$\sqrt[3]{15\,625} = 25$$

$$\sqrt{961} = 31$$

$$\sqrt[3]{729} = 9$$

$$\sqrt[3]{216} = 6$$

$$\sqrt[3]{13\,824} = 24$$

$$\sqrt[3]{8} = 2$$

$$24^4 = 331\,776$$

$$15^3 = 3\,375$$

$$32^3 = 32\,768$$

$$17^3 = 4\,913$$

$$4^2 = 16$$

$$8^4 = 4\,096$$

$$30^3 = 27\,000$$

$$31^4 = 923\,521$$

$$28^4 = 614\,656$$

$$17^2 = 289$$

$$12^3 = 1\,728$$

$$25^2 = 625$$

$$31^2 = 961$$

$$8^4 = 4\,096$$

$$16^4 = 655\,36$$

# Puissances et Racines (G)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{1\ 331} = \underline{\hspace{2cm}} \quad \sqrt[4]{456\ 976} = \underline{\hspace{2cm}} \quad \sqrt[4]{625} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{10\ 000} = \underline{\hspace{2cm}} \quad \sqrt[4]{20\ 736} = \underline{\hspace{2cm}} \quad \sqrt[4]{456\ 976} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{1\ 296} = \underline{\hspace{2cm}} \quad \sqrt[3]{24\ 389} = \underline{\hspace{2cm}} \quad \sqrt[3]{5\ 832} = \underline{\hspace{2cm}}$$

$$\sqrt{400} = \underline{\hspace{2cm}} \quad \sqrt[3]{1} = \underline{\hspace{2cm}} \quad \sqrt{25} = \underline{\hspace{2cm}}$$

$$\sqrt{361} = \underline{\hspace{2cm}} \quad \sqrt{576} = \underline{\hspace{2cm}} \quad \sqrt{196} = \underline{\hspace{2cm}}$$

$$22^2 = \underline{\hspace{2cm}} \quad 23^3 = \underline{\hspace{2cm}} \quad 27^4 = \underline{\hspace{2cm}}$$

$$1^2 = \underline{\hspace{2cm}} \quad 28^2 = \underline{\hspace{2cm}} \quad 11^3 = \underline{\hspace{2cm}}$$

$$4^3 = \underline{\hspace{2cm}} \quad 31^4 = \underline{\hspace{2cm}} \quad 25^2 = \underline{\hspace{2cm}}$$

$$18^3 = \underline{\hspace{2cm}} \quad 15^2 = \underline{\hspace{2cm}} \quad 10^4 = \underline{\hspace{2cm}}$$

$$24^2 = \underline{\hspace{2cm}} \quad 15^4 = \underline{\hspace{2cm}} \quad 19^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (G) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{1\ 331} = 11$$

$$\sqrt[4]{456\ 976} = 26$$

$$\sqrt[4]{625} = 5$$

$$\sqrt[4]{10\ 000} = 10$$

$$\sqrt[4]{20\ 736} = 12$$

$$\sqrt[4]{456\ 976} = 26$$

$$\sqrt[4]{1\ 296} = 6$$

$$\sqrt[3]{24\ 389} = 29$$

$$\sqrt[3]{5\ 832} = 18$$

$$\sqrt{400} = 20$$

$$\sqrt[3]{1} = 1$$

$$\sqrt{25} = 5$$

$$\sqrt{361} = 19$$

$$\sqrt{576} = 24$$

$$\sqrt{196} = 14$$

$$22^2 = 484$$

$$23^3 = 12167$$

$$27^4 = 531441$$

$$1^2 = 1$$

$$28^2 = 784$$

$$11^3 = 1331$$

$$4^3 = 64$$

$$31^4 = 923521$$

$$25^2 = 625$$

$$18^3 = 5832$$

$$15^2 = 225$$

$$10^4 = 10000$$

$$24^2 = 576$$

$$15^4 = 50625$$

$$19^4 = 130321$$

# Puissances et Racines (H)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{1} = \underline{\hspace{2cm}} \quad \sqrt{841} = \underline{\hspace{2cm}} \quad \sqrt[3]{1} = \underline{\hspace{2cm}}$$

$$\sqrt{576} = \underline{\hspace{2cm}} \quad \sqrt[4]{256} = \underline{\hspace{2cm}} \quad \sqrt{729} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{15\,625} = \underline{\hspace{2cm}} \quad \sqrt[4]{810\,000} = \underline{\hspace{2cm}} \quad \sqrt[3]{27\,000} = \underline{\hspace{2cm}}$$

$$\sqrt{324} = \underline{\hspace{2cm}} \quad \sqrt{169} = \underline{\hspace{2cm}} \quad \sqrt[4]{234\,256} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{216} = \underline{\hspace{2cm}} \quad \sqrt[3]{64} = \underline{\hspace{2cm}} \quad \sqrt{1\,024} = \underline{\hspace{2cm}}$$

$$27^2 = \underline{\hspace{2cm}} \quad 13^4 = \underline{\hspace{2cm}} \quad 2^2 = \underline{\hspace{2cm}}$$

$$6^3 = \underline{\hspace{2cm}} \quad 7^3 = \underline{\hspace{2cm}} \quad 12^2 = \underline{\hspace{2cm}}$$

$$3^4 = \underline{\hspace{2cm}} \quad 4^2 = \underline{\hspace{2cm}} \quad 13^4 = \underline{\hspace{2cm}}$$

$$23^3 = \underline{\hspace{2cm}} \quad 18^4 = \underline{\hspace{2cm}} \quad 9^2 = \underline{\hspace{2cm}}$$

$$13^3 = \underline{\hspace{2cm}} \quad 19^2 = \underline{\hspace{2cm}} \quad 32^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (H) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{1} = 1 \quad \sqrt{841} = 29 \quad \sqrt[3]{1} = 1$$

$$\sqrt{576} = 24 \quad \sqrt[4]{256} = 4 \quad \sqrt{729} = 27$$

$$\sqrt[3]{15\,625} = 25 \quad \sqrt[4]{810\,000} = 30 \quad \sqrt[3]{27\,000} = 30$$

$$\sqrt{324} = 18 \quad \sqrt{169} = 13 \quad \sqrt[4]{234\,256} = 22$$

$$\sqrt[3]{216} = 6 \quad \sqrt[3]{64} = 4 \quad \sqrt{1\,024} = 32$$

$$27^2 = 729$$

$$13^4 = 28561$$

$$2^2 = 4$$

$$6^3 = 216$$

$$7^3 = 343$$

$$12^2 = 144$$

$$3^4 = 81$$

$$4^2 = 16$$

$$13^4 = 28561$$

$$23^3 = 12167$$

$$18^4 = 104976$$

$$9^2 = 81$$

$$13^3 = 2197$$

$$19^2 = 361$$

$$32^4 = 1048576$$



# Puissances et Racines (I)

Trouvez la racine ou calculez l'exposant.

$$\sqrt{16} = \underline{\hspace{2cm}} \quad \sqrt{529} = \underline{\hspace{2cm}} \quad \sqrt[3]{1\,728} = \underline{\hspace{2cm}}$$

$$\sqrt{484} = \underline{\hspace{2cm}} \quad \sqrt[3]{1\,331} = \underline{\hspace{2cm}} \quad \sqrt{9} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{6\,561} = \underline{\hspace{2cm}} \quad \sqrt{289} = \underline{\hspace{2cm}} \quad \sqrt[4]{160\,000} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{6\,561} = \underline{\hspace{2cm}} \quad \sqrt[3]{512} = \underline{\hspace{2cm}} \quad \sqrt[3]{24\,389} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{343} = \underline{\hspace{2cm}} \quad \sqrt{16} = \underline{\hspace{2cm}} \quad \sqrt[3]{4\,096} = \underline{\hspace{2cm}}$$

$$30^4 = \underline{\hspace{2cm}} \quad 31^3 = \underline{\hspace{2cm}} \quad 14^2 = \underline{\hspace{2cm}}$$

$$31^4 = \underline{\hspace{2cm}} \quad 8^2 = \underline{\hspace{2cm}} \quad 18^4 = \underline{\hspace{2cm}}$$

$$25^3 = \underline{\hspace{2cm}} \quad 1^2 = \underline{\hspace{2cm}} \quad 22^3 = \underline{\hspace{2cm}}$$

$$4^3 = \underline{\hspace{2cm}} \quad 31^4 = \underline{\hspace{2cm}} \quad 23^4 = \underline{\hspace{2cm}}$$

$$5^3 = \underline{\hspace{2cm}} \quad 20^4 = \underline{\hspace{2cm}} \quad 5^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (I) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt{16} = 4 \quad \sqrt{529} = 23 \quad \sqrt[3]{1\,728} = 12$$

$$\sqrt{484} = 22 \quad \sqrt[3]{1\,331} = 11 \quad \sqrt{9} = 3$$

$$\sqrt[4]{6\,561} = 9 \quad \sqrt{289} = 17 \quad \sqrt[4]{160\,000} = 20$$

$$\sqrt[4]{6\,561} = 9 \quad \sqrt[3]{512} = 8 \quad \sqrt[3]{24\,389} = 29$$

$$\sqrt[3]{343} = 7 \quad \sqrt{16} = 4 \quad \sqrt[3]{4\,096} = 16$$

$$30^4 = 810000$$

$$31^3 = 29791$$

$$14^2 = 196$$

$$31^4 = 923521$$

$$8^2 = 64$$

$$18^4 = 104976$$

$$25^3 = 15625$$

$$1^2 = 1$$

$$22^3 = 10648$$

$$4^3 = 64$$

$$31^4 = 923521$$

$$23^4 = 279841$$

$$5^3 = 125$$

$$20^4 = 160000$$

$$5^4 = 625$$

# Puissances et Racines (J)

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{2\,197} = \underline{\hspace{2cm}} \quad \sqrt[4]{234\,256} = \underline{\hspace{2cm}} \quad \sqrt[3]{9\,261} = \underline{\hspace{2cm}}$$

$$\sqrt{9} = \underline{\hspace{2cm}} \quad \sqrt[4]{531\,441} = \underline{\hspace{2cm}} \quad \sqrt[4]{4\,096} = \underline{\hspace{2cm}}$$

$$\sqrt{900} = \underline{\hspace{2cm}} \quad \sqrt[4]{614\,656} = \underline{\hspace{2cm}} \quad \sqrt{49} = \underline{\hspace{2cm}}$$

$$\sqrt[4]{810\,000} = \underline{\hspace{2cm}} \quad \sqrt[3]{2\,744} = \underline{\hspace{2cm}} \quad \sqrt{9} = \underline{\hspace{2cm}}$$

$$\sqrt[3]{21\,952} = \underline{\hspace{2cm}} \quad \sqrt[3]{1\,331} = \underline{\hspace{2cm}} \quad \sqrt[4]{256} = \underline{\hspace{2cm}}$$

$$8^2 = \underline{\hspace{2cm}} \quad 22^4 = \underline{\hspace{2cm}} \quad 27^3 = \underline{\hspace{2cm}}$$

$$4^4 = \underline{\hspace{2cm}} \quad 25^2 = \underline{\hspace{2cm}} \quad 24^3 = \underline{\hspace{2cm}}$$

$$24^3 = \underline{\hspace{2cm}} \quad 23^2 = \underline{\hspace{2cm}} \quad 10^2 = \underline{\hspace{2cm}}$$

$$4^4 = \underline{\hspace{2cm}} \quad 2^3 = \underline{\hspace{2cm}} \quad 27^2 = \underline{\hspace{2cm}}$$

$$21^4 = \underline{\hspace{2cm}} \quad 4^4 = \underline{\hspace{2cm}} \quad 3^4 = \underline{\hspace{2cm}}$$

# Puissances et Racines (J) Solutions

Trouvez la racine ou calculez l'exposant.

$$\sqrt[3]{2\,197} = 13 \qquad \sqrt[4]{234\,256} = 22 \qquad \sqrt[3]{9\,261} = 21$$

$$\sqrt{9} = 3 \qquad \sqrt[4]{531\,441} = 27 \qquad \sqrt[4]{4\,096} = 8$$

$$\sqrt{900} = 30 \qquad \sqrt[4]{614\,656} = 28 \qquad \sqrt{49} = 7$$

$$\sqrt[4]{810\,000} = 30 \qquad \sqrt[3]{2\,744} = 14 \qquad \sqrt{9} = 3$$

$$\sqrt[3]{21\,952} = 28 \qquad \sqrt[3]{1\,331} = 11 \qquad \sqrt[4]{256} = 4$$

$$8^2 = 64$$

$$22^4 = 234256$$

$$27^3 = 19683$$

$$4^4 = 256$$

$$25^2 = 625$$

$$24^3 = 13824$$

$$24^3 = 13824$$

$$23^2 = 529$$

$$10^2 = 100$$

$$4^4 = 256$$

$$2^3 = 8$$

$$27^2 = 729$$

$$21^4 = 194481$$

$$4^4 = 256$$

$$3^4 = 81$$