

EXTRAE todos los factores
que te sea posible
SIMPLIFICANDO al máximo y
MOSTRANDO el resultado en
forma radical.

EXTRAE TODOS LOS FACTORES QUE TE SEA POSIBLE SIMPLIFICANDO AL MÁXIMO Y MOSTRANDO EL RESULTADO EN FORMA RADICAL

$$\sqrt{8z^3}$$

$$\sqrt{32n^3}$$

$$\sqrt[3]{297h^5}$$

$$\sqrt{147}$$

$$\sqrt[3]{40b^7s^2}$$

$$\sqrt[3]{1375z^4}$$

$$\sqrt[3]{54m^4p^5}$$

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

$$\sqrt[5]{1215h^9n^7}$$

$$\sqrt[5]{243p^5}$$

$$\sqrt[4]{80p^3}$$

$$\sqrt[3]{54}$$

$$\sqrt{539y}$$

$$\sqrt[5]{2673p^6d^4}$$

$$\sqrt[4]{81k^4}$$

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

$$\sqrt{396z}$$

$$\sqrt[5]{2673t^4}$$

$$\sqrt[3]{8q^3}$$

$$\sqrt[5]{243}$$

$$\sqrt[5]{224y^8b^6}$$

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

$$\sqrt{18}$$

$$\sqrt[4]{48n^5d^3}$$

$$\sqrt[5]{729}$$

$$\sqrt{8z^3} = \sqrt{2^3 \cdot z^3} = 2z\sqrt{2z}$$

$$\sqrt[3]{1375z^4} = \sqrt[3]{5^3 \cdot 11 \cdot z^4} = 5z\sqrt[3]{11z}$$

$$\sqrt[4]{80p^3} = \sqrt[4]{2^4 \cdot 5 \cdot p^3} = 2\sqrt[4]{5p^3}$$

$$\sqrt[3]{64} = \sqrt[3]{2^6} = 2^{\frac{6}{3}} = 2^2 = 4$$

$$\begin{aligned}\sqrt[5]{224y^8b^6} &= \sqrt[5]{2^5 \cdot 7 \cdot y^8 \cdot b^6} \\ &= 2yb \sqrt[5]{7y^3b}\end{aligned}$$

$$\begin{aligned}\sqrt{32n^3} &= \sqrt{2^5 \cdot n^3} = 2^2n\sqrt{2n} \\ &= 4n\sqrt{2n}\end{aligned}$$

$$\begin{aligned}\sqrt[3]{54m^4p^5} &= \sqrt[3]{3^3 \cdot 2 \cdot m^4 \cdot p^5} \\ &= 3mp \sqrt[3]{2mp^2}\end{aligned}$$

$$\sqrt[3]{54} = \sqrt[3]{3^3 \cdot 2} = 3\sqrt[3]{2}$$

$$\begin{aligned}\sqrt{396z} &= \sqrt{2^2 \cdot 3^2 \cdot 11 \cdot z} \\ &= 2 \cdot 3\sqrt{11z} = 6\sqrt{11z}\end{aligned}$$

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

$$\sqrt[3]{297h^5} = \sqrt[3]{3^3 \cdot 11 \cdot h^5} = 3h\sqrt[3]{11h^2}$$

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

$$\sqrt{539y} = \sqrt{7^2 \cdot 11 \cdot y} = 7\sqrt{11y}$$

$$\sqrt[5]{2673t^4} = \sqrt[5]{3^5 \cdot 11 \cdot t^4} = 3\sqrt[5]{11t^4}$$

$$\sqrt{18} = \sqrt{2 \cdot 3^2} = 3\sqrt{2}$$

$$\sqrt{147} = \sqrt{3 \cdot 7^2} = 7\sqrt{3}$$

$$\begin{aligned} \sqrt[5]{1215h^9n^7} &= \sqrt[5]{3^5 \cdot 5 \cdot h^9 \cdot n^7} \\ &= 3hn \sqrt[5]{5h^4n^2} \end{aligned}$$

$$\begin{aligned} \sqrt[5]{2673p^6d^4} &= \sqrt[5]{3^5 \cdot 11 \cdot p^6 \cdot d^4} \\ &= 3p \sqrt[5]{11pd^4} \end{aligned}$$

$$\sqrt[3]{8q^3} = \sqrt[3]{2^3 \cdot q^3} = 2q$$

$$\begin{aligned} \sqrt[4]{48n^5d^3} &= \sqrt[4]{2^4 \cdot 3 \cdot n^5 \cdot d^3} \\ &= 2n \sqrt[4]{3nd^3} \end{aligned}$$

$$\begin{aligned} \sqrt[3]{40b^7s^2} &= \sqrt[3]{2^3 \cdot 5 \cdot b^7 \cdot s^2} \\ &= 2b^2 \sqrt[3]{5bs^2} \end{aligned}$$

$$\sqrt[5]{243p^5} = \sqrt[5]{3^5 \cdot p^5} = 3p$$

$$\sqrt[4]{81k^4} = \sqrt[4]{3^4 \cdot k^4} = 3k$$

$$\sqrt[5]{243} = \sqrt[5]{3^5} = 3$$

$$\sqrt[5]{729} = \sqrt[5]{3^6} = 3\sqrt[5]{3}$$