



Radicals - Convert Cube Root, Values and Variables, to Exponents - Positive

1 Convert the radical to a fractional exponent $\sqrt[3]{7z^2}$	A $7^{\frac{1}{2}} \cdot z^{\frac{2}{2}}$	B $14^{\frac{1}{3}} \cdot z^{\frac{2}{3}}$	C $7^{-\frac{1}{3}} \cdot z^{-\frac{2}{3}}$	2 Convert the radical to a fractional exponent $\sqrt[3]{5p^2}$	A $20^{\frac{1}{3}} \cdot p^{\frac{2}{3}}$	B $5^{\frac{1}{3}} \cdot p^{\frac{2}{3}}$	C $5^{-\frac{1}{3}} \cdot p^{-\frac{2}{3}}$
	D $7^{\frac{1}{3}} \cdot z^{\frac{2}{3}}$						
3 Convert the radical to a fractional exponent $\sqrt[3]{3d^4}$	A $3^{\frac{1}{2}} \cdot d^{\frac{4}{2}}$	B $3^{\frac{1}{3}} \cdot d^{\frac{4}{3}}$	C $6^{\frac{1}{3}} \cdot d^{\frac{4}{3}}$	4 Convert the radical to a fractional exponent $\sqrt[3]{2p}$	A $2^{\frac{1}{2}} \cdot p^{\frac{1}{2}}$	B $2^{\frac{1}{3}}$	C $8^{\frac{1}{3}} \cdot p^{\frac{1}{3}}$
					D $2^{\frac{1}{3}} \cdot p^{\frac{1}{3}}$		
5 Convert the radical to a fractional exponent $\sqrt[3]{7z}$	A $7^{\frac{1}{3}} \cdot z^{\frac{2}{3}}$	B $7^{\frac{1}{3}}$	C $7^{\frac{1}{3}} \cdot z^{\frac{1}{3}}$	6 Convert the radical to a fractional exponent $\sqrt[3]{5b^4}$	A $5^{-\frac{1}{3}} \cdot b^{-\frac{4}{3}}$	B $5^{\frac{1}{3}} \cdot b^{\frac{4}{3}}$	C $15^{\frac{1}{3}} \cdot b^{\frac{4}{3}}$
	D $7^{\frac{1}{2}} \cdot z^{\frac{1}{2}}$						
7 Convert the radical to a fractional exponent $\sqrt[3]{3m^4}$	A $3^{\frac{1}{3}} \cdot m^{\frac{4}{3}}$	B $3^{\frac{1}{2}} \cdot m^{\frac{4}{2}}$	8 Convert the radical to a fractional exponent $\sqrt[3]{5n^2}$	A $10^{\frac{1}{3}} \cdot n^{\frac{2}{3}}$	B $5^{-\frac{1}{3}} \cdot n^{-\frac{2}{3}}$	C $5^{\frac{1}{3}} \cdot n^{\frac{4}{3}}$	
	C $3^{-\frac{1}{3}} \cdot m^{-\frac{4}{3}}$	D $9^{\frac{1}{3}} \cdot m^{\frac{4}{3}}$		D $5^{\frac{1}{3}} \cdot n^{\frac{1}{3}}$	E $5^{\frac{1}{3}} \cdot n^{\frac{2}{3}}$		