



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

1 Convert the fractional exponent to a radical $11^{\frac{1}{3}} \cdot n^{\frac{2}{3}}$	A $\sqrt[3]{11n^4}$	B $\frac{1}{2\sqrt[3]{8n^3}}$	C $\sqrt[3]{11n^2}$	2 Convert the fractional exponent to a radical $2^{\frac{1}{3}} \cdot m^{\frac{2}{3}}$	A $\sqrt[3]{3m}$	B $3\sqrt[3]{m^4}$	C $\frac{1}{3\sqrt[3]{m}}$
	D $3\sqrt[3]{9n}$	E $3\sqrt[3]{11n}$			D $\sqrt[3]{2m}$	E $\sqrt[3]{2m^2}$	
3 Convert the fractional exponent to a radical $11^{\frac{1}{3}} \cdot z^{\frac{4}{3}}$	A $\sqrt[3]{11z^4}$	B $z^2\sqrt[3]{7z}$	C $4z^2\sqrt[3]{8z^2}$	4 Convert the fractional exponent to a radical $3^{\frac{1}{3}} \cdot m^{\frac{2}{3}}$	A $\sqrt[3]{3m^2}$	B $2\sqrt[3]{3m^2}$	C $\sqrt[3]{5m^3}$
	D $3z\sqrt[3]{13z^2}$	E $\frac{1}{2z\sqrt[3]{14z^2}}$			D $3\sqrt[3]{2m^2}$	E $\frac{1}{3\sqrt[3]{m^4}}$	
5 Convert the fractional exponent to a radical $5^{\frac{1}{3}} \cdot d^{\frac{2}{3}}$	A $\sqrt[3]{5d^2}$	B $\sqrt[3]{4d^3}$	C $\sqrt[3]{4d^2}$	6 Convert the fractional exponent to a radical $3^{\frac{1}{3}} \cdot b^{\frac{2}{3}}$	A $\sqrt[3]{b^4}$	B $\frac{1}{\sqrt[3]{b^2}}$	C $\sqrt[3]{3b^2}$
	D $\frac{1}{\sqrt[3]{7d}}$	E $\sqrt[3]{7d}$			D $\sqrt[3]{b}$	E $3\sqrt[3]{b^3}$	
7 Convert the fractional exponent to a radical $5^{\frac{1}{3}} \cdot c^{\frac{1}{3}}$	A $\frac{1}{\sqrt[3]{3c^2}}$	B $\frac{1}{2\sqrt[3]{3c}}$	C $\sqrt[3]{5c}$	8 Convert the fractional exponent to a radical $7^{\frac{1}{3}} \cdot p^{\frac{1}{3}}$	A $\sqrt[3]{7p}$	B $\frac{1}{\sqrt[3]{7p}}$	C $\frac{1}{\sqrt[3]{8p}}$
	D $3\sqrt[3]{c}$	E $4\sqrt[3]{4c}$			D $\sqrt[3]{9p}$	E $3\sqrt[3]{3p}$	