



Radicals - Convert Square Root, Values and Variables, to Exponents - Negative



1 Convert the radical to a fractional exponent $\frac{1}{\sqrt{2y^5m^3}}$	A $2^{-\frac{1}{2}} \cdot y^{-\frac{4}{2}} \cdot m^{-\frac{5}{2}}$	B $2^{-\frac{1}{2}} \cdot y^{-\frac{5}{2}} \cdot m^{-\frac{3}{2}}$	2 Convert the radical to a fractional exponent $\frac{1}{\sqrt{11cz^3}}$	A $44^{-\frac{1}{2}} \cdot c^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}}$	B $11^{-\frac{1}{3}} \cdot c^{-\frac{1}{3}} \cdot z^{-\frac{3}{3}}$
	C $2^{-\frac{1}{2}} \cdot y^{-\frac{5}{2}} \cdot m^{-\frac{4}{2}}$	D $2^{-\frac{1}{3}} \cdot y^{-\frac{5}{3}} \cdot m^{-\frac{3}{3}}$		C $11^{-\frac{1}{2}} \cdot c^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}}$	D $33^{-\frac{1}{2}} \cdot c^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}}$
	E $8^{-\frac{1}{2}} \cdot y^{-\frac{5}{2}} \cdot m^{-\frac{3}{2}}$				
3 Convert the radical to a fractional exponent $\frac{1}{\sqrt{3px^3}}$	A $3^{-\frac{1}{2}} \cdot p^{-\frac{3}{2}} \cdot x^{-\frac{2}{2}}$	B $3^{-\frac{1}{2}} \cdot p^{-\frac{1}{2}} \cdot x^{-\frac{3}{2}}$	4 Convert the radical to a fractional exponent $\frac{1}{\sqrt{3m^3c^5}}$	A $3^{-\frac{1}{3}} \cdot m^{-\frac{3}{3}} \cdot c^{-\frac{5}{3}}$	B $12^{-\frac{1}{2}} \cdot m^{-\frac{3}{2}} \cdot c^{-\frac{5}{2}}$
	C $3^{\frac{1}{2}} \cdot p^{\frac{1}{2}} \cdot x^{\frac{3}{2}}$	D $3^{-\frac{1}{3}} \cdot p^{-\frac{1}{3}} \cdot x^{-\frac{3}{3}}$		C $3^{-\frac{1}{2}} \cdot m^{-\frac{3}{2}} \cdot c^{-\frac{5}{2}}$	D $3^{-\frac{1}{2}} \cdot m^{-\frac{3}{2}} \cdot c^{-\frac{7}{2}}$
5 Convert the radical to a fractional exponent $\frac{1}{\sqrt{5y^3c}}$	A $5^{\frac{1}{2}} \cdot y^{\frac{3}{2}} \cdot c^{\frac{1}{2}}$	B $15^{-\frac{1}{2}} \cdot y^{-\frac{3}{2}} \cdot c^{-\frac{1}{2}}$	6 Convert the radical to a fractional exponent $\frac{1}{\sqrt{7xb^3}}$	A $7^{-\frac{1}{2}} \cdot x^{-\frac{1}{2}} \cdot b^{-\frac{3}{2}}$	B $21^{-\frac{1}{2}} \cdot x^{-\frac{1}{2}} \cdot b^{-\frac{3}{2}}$
	C $5^{-\frac{1}{2}} \cdot y^{-\frac{3}{2}} \cdot c^{-\frac{1}{2}}$	D $5^{-\frac{1}{3}} \cdot y^{-\frac{3}{3}} \cdot c^{-\frac{1}{3}}$		C $28^{-\frac{1}{2}} \cdot x^{-\frac{1}{2}} \cdot b^{-\frac{3}{2}}$	D $14^{-\frac{1}{2}} \cdot x^{-\frac{1}{2}} \cdot b^{-\frac{3}{2}}$
	E $5^{-\frac{1}{2}} \cdot y^{-\frac{3}{2}} \cdot c^{-\frac{3}{2}}$			E $7^{\frac{1}{2}} \cdot x^{\frac{1}{2}} \cdot b^{\frac{3}{2}}$	
7 Convert the radical to a fractional exponent $\frac{1}{\sqrt{5z^3y}}$	A $5^{\frac{1}{2}} \cdot z^{\frac{3}{2}} \cdot y^{\frac{1}{2}}$	B $20^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}} \cdot y^{-\frac{1}{2}}$	8 Convert the radical to a fractional exponent $\frac{1}{\sqrt{2r^3d}}$	A $2^{-\frac{1}{2}} \cdot r^{-\frac{4}{2}} \cdot d^{-\frac{1}{2}}$	B $4^{-\frac{1}{2}} \cdot r^{-\frac{3}{2}} \cdot d^{-\frac{1}{2}}$
	C $5^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}} \cdot y^{-\frac{1}{2}}$	D $15^{-\frac{1}{2}} \cdot z^{-\frac{3}{2}} \cdot y^{-\frac{1}{2}}$		C $2^{-\frac{1}{2}} \cdot r^{-\frac{5}{2}} \cdot d^{-\frac{2}{2}}$	D $2^{-\frac{1}{2}} \cdot r^{-\frac{3}{2}} \cdot d^{-\frac{1}{2}}$
	E $5^{-\frac{1}{3}} \cdot z^{-\frac{3}{3}} \cdot y^{-\frac{1}{3}}$				