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Radical exponents

Simplify and eliminate negative exponents

y^3y^{-9}	$(z^3z^4)^{\frac{1}{2}}$	$\left(\frac{9z}{8z^6}\right)^{-3}$
$(x^3y^{-5})(2x^{-4}y^2)(4xy^5)$	$\frac{b^8b^{-2}}{b^{-1}}$	$\frac{7y^6}{7y^{-4}z^4}$
$\frac{x^{-3}y^{-2}}{y^{-1}}$	$\left(\frac{a^3b^{-2}}{a^{-3}b^2}\right)^3$	$\left(\frac{w}{3x^{-3}}\right)^{-2}$

$(9x)^{1/2} \cdot \left(4x^{1/4}\right)$	$x^{2/3} \cdot x^{4/3}$	$(-8x^6y^{-18})^{-1/3}$
$\dfrac{(a^{-1}b^3)^2}{(a^2b^{-3})^3}$	$y^{-1}\left(yx^{1/2}\right)^{2/3}$	$\left((2b)^{2/9}\right)^3 \cdot (2b)^{1/3}$