

Name _____

Power of Quotient

Simplify the exponents. (Decimal exponent)

1) $\left(\frac{ab^{0.5}}{c^{1.5}d^{-0.5}}\right)^2$	2) $\left(\frac{x^2y^{0.4}}{z^{1.2}}\right)^3$	3) $\left(\frac{3a^{0.7}b}{2c^{1.2}d^{-0.3}}\right)^2$
4) $\left(\frac{5uv^{0.2}}{2w^{0.5}xyz^{-0.3}}\right)^3$	5) $\left(\frac{ab^{0.3}}{cd^{-0.7}}\right)^2$	6) $\left(\frac{x^{0.4}y}{z^{-1.2}}\right)^3$
7) $\left(\frac{2a^{0.5}b^{0.2}}{c^{1.8}d^{-0.6}}\right)^2$	8) $\left(\frac{4uv^{0.3}}{w^{0.5}xyz^{-0.4}}\right)^3$	9) $\left(\frac{3a^{0.6}b}{4c^{1.4}d^{-0.2}}\right)^2$
10) $\left(\frac{6uv^{0.1}}{w^{0.3}xyz^{-0.5}}\right)^3$	11) $\left(\frac{ab^{0.7}}{cd^{-0.5}}\right)^2$	12) $\left(\frac{2x^{0.2}y}{z^{-1.5}}\right)^3$