

Name _____

Power of Quotient

Simplify the exponents. (Scientific Notation)

1) $\left(\frac{1.8 \times 10^4}{2 \times 10^{-3}}\right)^2$	2) $\left(\frac{2.5 \times 10^6}{5 \times 10^{-2}}\right)^3$	3) $\left(\frac{3 \times 10^3}{4 \times 10^{-4}}\right)^2$
4) $\left(\frac{6 \times 10^5}{3 \times 10^{-1}}\right)^3$	5) $\left(\frac{2.5 \times 10^2}{1.25 \times 10^{-2}}\right)^2$	6) $\left(\frac{1.6 \times 10^5}{4 \times 10^{-3}}\right)^3$
7) $\left(\frac{9 \times 10^4}{6 \times 10^{-2}}\right)^2$	8) $\left(\frac{3 \times 10^6}{1.5 \times 10^{-1}}\right)^3$	9) $\left(\frac{4.5 \times 10^3}{3 \times 10^{-3}}\right)^2$
10) $\left(\frac{7.2 \times 10^5}{2.4 \times 10^{-1}}\right)^3$	11) $\left(\frac{1.2 \times 10^4}{4 \times 10^{-4}}\right)^2$	12) $\left(\frac{5 \times 10^6}{2.5 \times 10^{-2}}\right)^3$