Level 0: The Basics **You may move on to the next level once a checker has made sure you got a 100%.**

Multiplying Powers	Dividing Powers	Power to a Power	Zero Exponents	Negative Exponents
1) $x^3 \cdot x^7$	2) $\frac{x^9}{x^3}$	3) $(a^5)^2$	4) 10^0	5) n^{-3}

Level 1: 2 Properties in 1 **You may move on to the next level once a checker has made sure you got a 100%.**

1) $(x^4 \cdot x^2)^3$ 2) $\left(\frac{2^7}{2^4}\right)^5$ 3) $\frac{f^9 f^3}{f^5}$ 4) $\left(\frac{k}{k^5}\right)^2$ 5) $\frac{x^{-6}}{x^5}$

Level 2: With coefficients **You may move on to the next level once a checker has made sure you got a 100%.**

1) $3d^4 \cdot 2d^5$ 2) $\frac{12c^9}{3c^4}$ 3) $(5b^3)^2$ 4) $5x^0$ 5) $6k^{-3}$ 6) $(3m^2)^3$ 7) $\left(\frac{f^4}{2}\right)^4$

Level 3: Multiple Variables **You may move on to the next level once the teacher has made sure you got a 100%.**

1) $-4w^4v \cdot -3w^5v^2$ 2) $\frac{8y^9z^4}{8y^4z^6}$ 3) $(7j^{10}kl^5)^2$ 4) $\left(\frac{f^0}{3g}\right)^3$ 5) $\frac{8a^3b^{-4}}{2a^{-2}b}$

Level 4: Harder **You may move on to the next level once a checker has made sure you got a 100%.**

1) $3mn^{-2} \cdot 6m^{-4}n^5 \cdot \frac{1}{2}m^0n$ 2) $\frac{35p^9q^{-3}}{30p^4q^3p^{-2}}$ 3) $\left(\frac{2r^4r^{-3}s}{6rs^6}\right)^3$

Level 5: At Your Own Risk! **You may start on the homework once you have gotten the correct answer.**

$$\left(\frac{-9x^5y^4 \cdot 2x^{-3}z \cdot -4xy^0 \cdot 2(x^8)^{1/4}}{3x^{12}y^8 \cdot -6w^{30}z^{-9} \cdot 3y^{-5}z^5}\right)^3 \left(\frac{w^{100}}{(2xyz^2)^3}\right)$$