

Special problems are, in effect, Term Papers. They must be written clearly and legibly!

Special Problems are “designed” to lead you to ask questions! After discussions about a Special problem, I'll often put a summary here for you to consult. But don't wait for others to ask, for there will be some delay...!

In Special Problems 1 and 2, you may use *integer* exponential rules (e.g., $(x^m)^n = x^{mn}$, $(xy)^n = x^n y^n$, $x^{-n} = 1/x^n$) without proof. The point of these problems is to extend these rules to rational and then to real exponents.