

## Fermat's Last Theorem

Saw this in a Simpson's cartoon:  $1782^{12} + 1841^{12} = 1922^{12}$

Try it on your TI-83.

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Note that it can't be true.  $1782^{12} + 1841^{12}$  must be odd, while  $1922^{12}$  is even.