

A matrix:

$$\begin{pmatrix} 1 & 2 \\ 3 & 400 \end{pmatrix}.$$

Two fantastic equations:

$$3x = 42$$

$$2x - 7 = 21.$$

You like this piecewise-defined function, don't you?

$$g(x) = \begin{cases} 2 & x < 0 \\ 3x & 0 \leq x < 2 \\ x^2 & x \geq 2 \end{cases}.$$