1. Find a rectangular equation for the following curve, then graph it.
   $x = 2t - 1,\ y = t^2 + 2,$ for t in $[-1, 1]$

$x+1 = 2t$

$\frac{x+1}{2} = t$

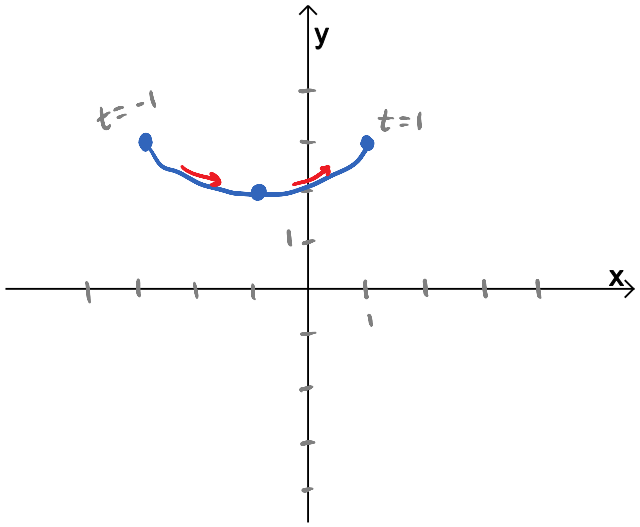
$y = t^2 + 2$

$y = \left(\frac{x+1}{2}\right)^2 + 2$

$y = \frac{1}{4}(x+1)^2 + 2$

↑ Parabola with vertex $(-1, 2)$ opening up.

t	x	y
-1	-3	3
0	-1	2
1	1	3



Q: What are the next two letters in the following series and why?

W A T N T L I T F S _ _