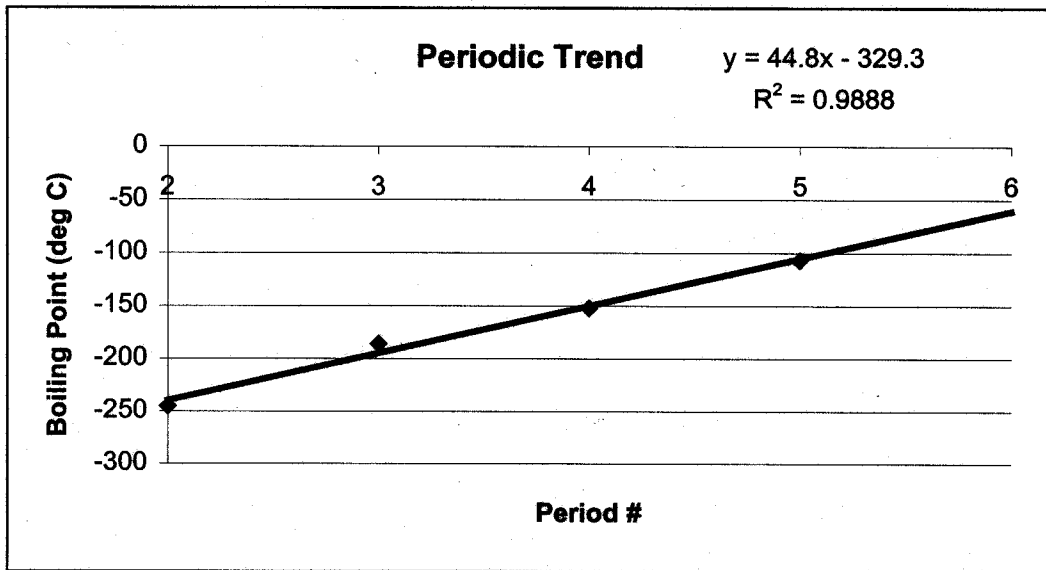


## Boiling Points for Group 18 (the Noble Gases)

Element	Period #	Tb (deg C)
Ne	2	-245
Ar	3	-186
Kr	4	-152
Xe	5	-107
Rn	6	



So for Period 6 (Rn,  $x=6$ )

$$y = 44.8(6) - 329.3 = 268.8 - 329.3 = -60.5^{\circ}\text{C}$$