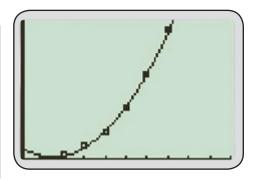


- If you have any difficulty with these solutions, please contact your teacher before continuing.
- 3. L1 = x-values = Position of pyramid L2 = y-values = Pyramidal number

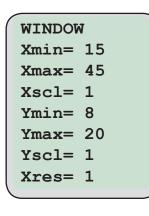
WINDOW Xmin= 0 Xmax= 10 Xscl= 1 Ymin= 0 Ymax= 150 Yscl= 1 Xres= 1

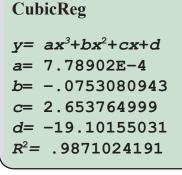
CubicReg

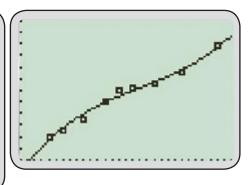


Regression Equation: $y = 0.3x^3 + 0.5x^2 + 0.2x$ Note: d = -2E-11 = -0.0000000000002. This is a very small number and it can be rounded to zero.

4. L1 = x-values = Age (months) L2 = y-values = Weight (kg)







Regression Equation (rounded to 4 decimal places): $y = 0.0008x^3 - 0.0753x^2 + 2.6538x - 19.1016$

Note: Numbers should not be written in scientific notation when using standard form. In the above equation, the *a* value was converted by moving the decimal left four places.