$$\frac{\left(\frac{\Delta}{b}\right)^{m}}{b^{m}} = \frac{A^{m}}{b^{m}} + \frac{\left(\frac{\Delta}{2}\right)^{3} \cdot \left(\frac{\Delta}{x}\right)\left(\frac{\Delta}{x}\right)\left(\frac{\Delta}{x}\right)}{x^{3}} = \frac{\Delta^{2}}{x^{3}} = \frac{\Delta^{2}$$

