Inline vs Display Mode

Inline mode: $E=mc^2,\,y=ax^2+bx+c,\,\sum_{i=1}^n i=\frac{n(n+1)}{2}$ Same formulas in display mode:

$$E = mc^{2}$$

$$y = ax^{2} + bx + c$$

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2}$$