$$((a * ((a * a) - a)) + (a * a))$$
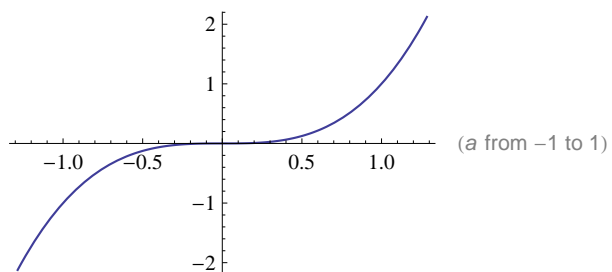
Input:

$$a\,(a\,a - a) + a\,a$$

Result:

$$a^2 + \left(a^2 - a\right)a$$

Plot:

(a from -1 to 1)

Alternate form:

$$a^3$$

Root:

$$a = 0$$

Derivative:

$$\frac{d}{da}\left(a\,(a\,a - a) + a\,a\right) = a^2 + (2\,a - 1)\,a + a$$

Indefinite integral:

$$\int \left(a\,(a\,a - a) + a\,a\right) da = \frac{a^4}{4} + \text{constant}$$