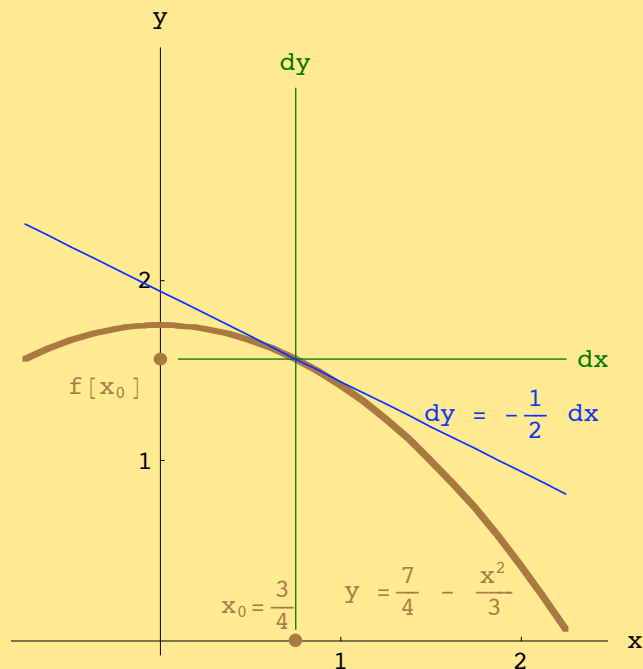


# Calculus: The Language of Change Part 1

by Keith Stroyan

preliminary 3<sup>rd</sup> Edition



$$f[x_] = \frac{7}{4} - \frac{x^2}{3};$$

$$dy = f'[x] dx$$

$$-\frac{2x}{3} dx$$

$$x = \frac{3}{4};$$

$$dy$$

$$-\frac{1}{2} dx$$