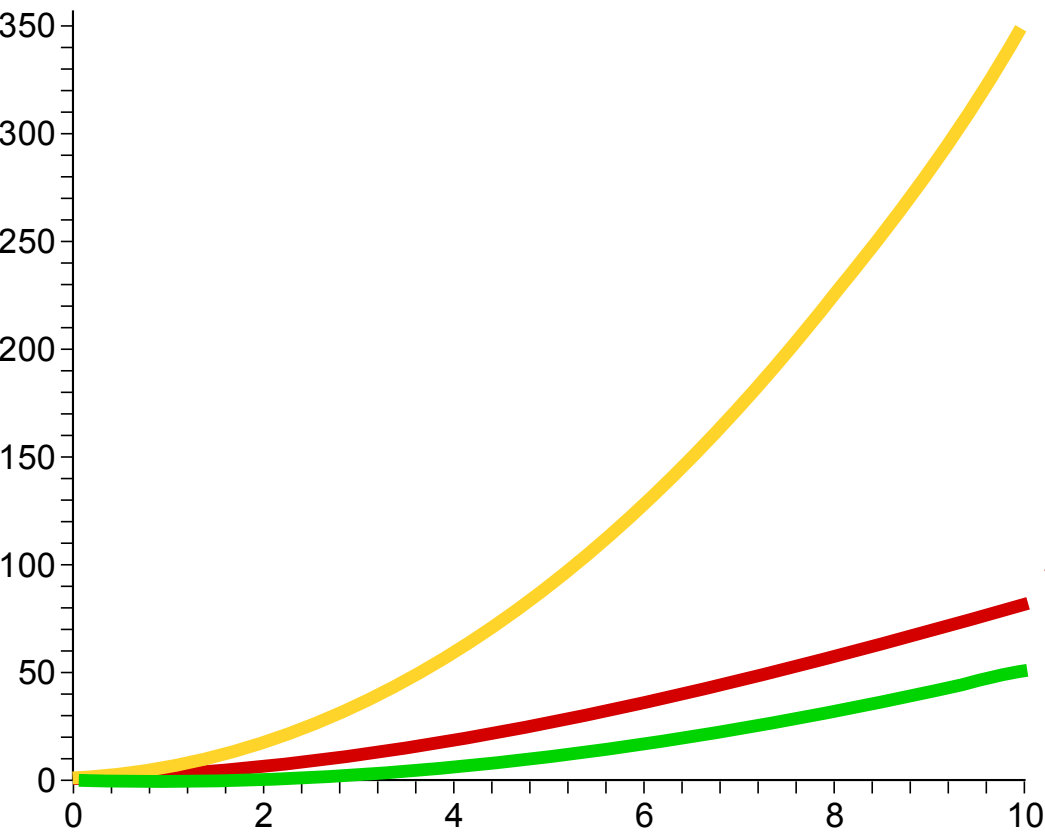


Number of Steps
(runtime [s])



$\frac{7}{2} \cdot n^2$
 $C_2 = 7/2$ could have been larger or small (exact value not relevant)

$$T(n) = \frac{1}{2}n^2 + 3n$$

$$\frac{1}{2} \cdot n^2$$

$C_1 = 1/2$ could have been chosen smaller (not relevant), but not larger

number of input elements n