

4.4 Rates of Change in Polynomial Functions

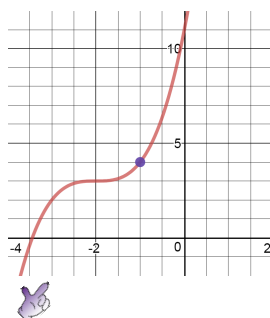
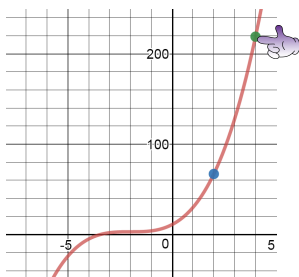


Math Learning Target:

"For any polynomial function,
I can find the average rate of change and rate of change."

Ex. 1: Consider $y = (x + 2)^3 + 3$

- Find the average rate of change on the interval $[2, 4]$
- Find the instantaneous rate of change at $x = -1$
- Find the equation of the tangent line at $x = -1$



Entertainment:
Worksheet 4.4 #1 & 2