

$$\frac{Dy}{Dx} = \frac{f(s+h) - f(s)}{(s+h) - s} = \frac{f(s+h) - f(s)}{h}$$

$$\lim_{h \rightarrow 0} \frac{f(s+h) - f(s)}{h}$$

$$\lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h} = f'(x)$$

Pre-Calculus

****Textbook materials are available from the instructor.****

Class Supplies List:

- Computer
- Ruler
- Protractor
- Compass (preferably a swivel wheel)
- Lined Paper
- Graph Paper
- Dividers
- 3-ring binder
- Graphing Calculator: [Texas Instruments TI-84 Plus Graphics Calculator](#)

****If your student does not currently have a **graphing** calculator, please purchase one prior to the start of your math class OR reach out to your math teacher to see if your calculator meets your class requirements. This calculator will be used in both math and science classes throughout your high school career. ****