

# CALCULUS – SLOPES & SECANTS

Name \_\_\_\_\_

1. Use the function  $y = \frac{4}{x}$  to find slopes of the lines containing the point (1,4) and the points on the graph at

- $x = 4$
- $x = 3$
- $x = 2$
- $x = 1.5$
- $x = 1.2$
- $x = 1.1$
- $x = 1.01$
- $x = 1.001$

2. Sketch the graph of  $y = \frac{4}{x}$ ,  $x > 0$  and the 8 secant lines you found the slopes of in #1.

