

MATH 425

Quiz 1

$$1. \frac{4}{5} = \frac{+0.75}{+0.9375} = 0.5 - 1.25$$

$$0.5 - 1.25 = -0.75$$

$$\boxed{m = 0.8} \quad \frac{5}{4} \quad \boxed{m = 1.25}$$

2. average rate of change baseball is generally going up

$$3. \boxed{m = -1}$$

$$\frac{1.09 - 1.011}{7.0595 - 7.0395} = \frac{-0.02}{0.02} = -1$$

4. baseball is generally going down

5. There is no possible way to find it's instantaneous rate of change.