- Galileo's Inclined Plane
  - rolling a ball down the ramp
  - picture shows where the ball after each moment.
  - snapshots taken at constant rate
  - We can figure out the instantaneous speed
  - Equ is $y = 32x^2$
  - Derivative is $y = 32(x + d)^2 - 32x^2$
- "Instantaneous speed as a function"

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