$y = 2x$

$y = x$

$y = .5x$

$$\frac{2 - .5}{2} = 0.75$$

$$\Rightarrow \pm 0.8$$

$y = 1x \checkmark$

$y = (10 \pm 0.8)x$

$A = 2.5 \pm 0.8 \pm .5$

Log T^2

$y = Ax^2$

$y = 2.5x^2$

Period

17% 6 ±1 17624 4.08

4

0.012

6 ±1   17%

Percent uncertainty

$$y = \frac{Ak}{r^2}$$

$$x \sim y$$

$$V = \pi r^2 h$$

$$h = \frac{V}{\pi r^2}$$

$$h = \frac{y\pi}{r^2} = \frac{A}{r^2}$$