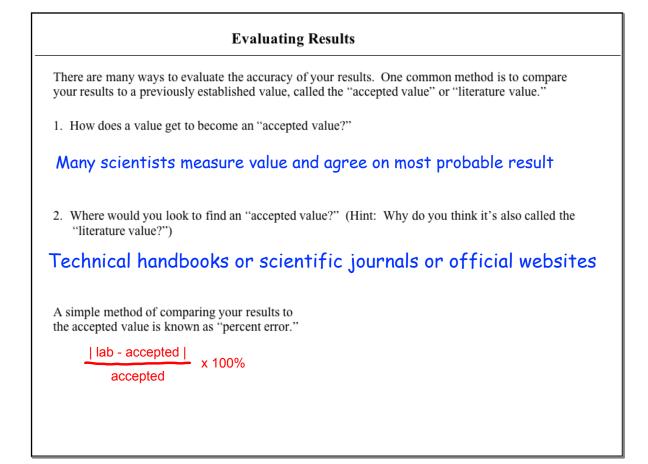
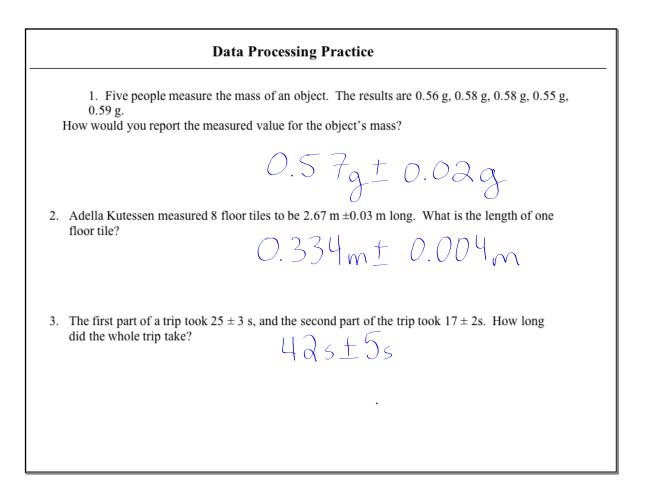
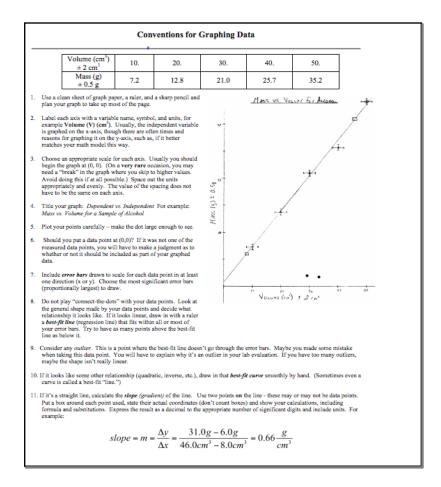
d) What is the area of a circle whose radius is measured to be 6.2 cm \pm 0.1 cm?	
Area:	Determining uncertainty:
	Maximum area:
	Minimum area:
	0

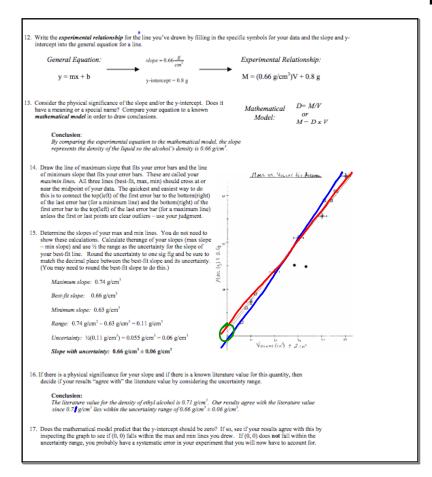


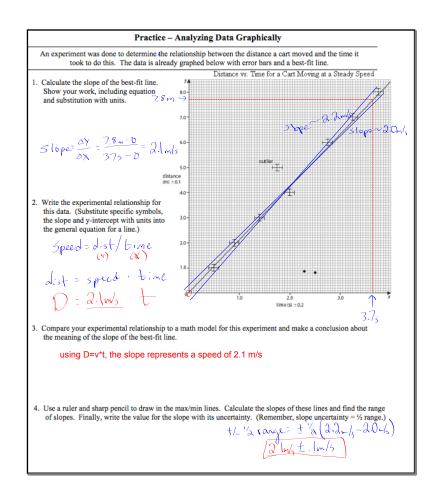


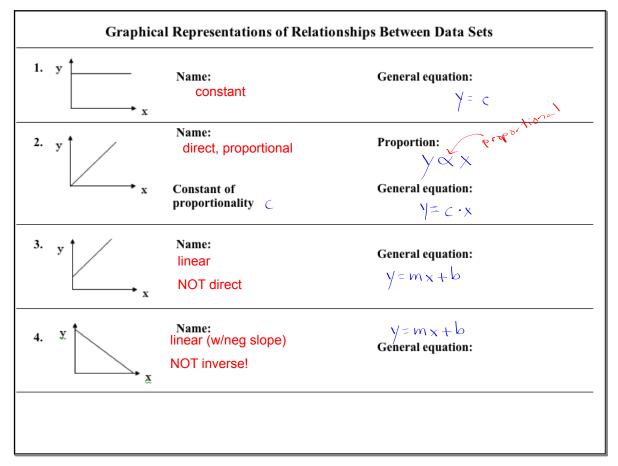
December 9, 2019

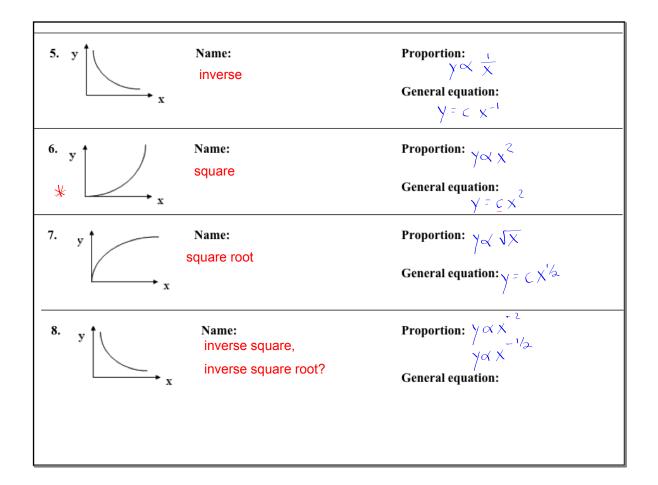
4. The sides of a rectangle are measured to be 4.4 ± 0.2 cm and 8.5 ± 0.3 cm. Find the area of the rectangle. $\frac{.5}{85}$ ~ 3.57. 4.6 cm × 8.8 cm = 40.48 cm 4.2 cm × 8.2 cm 44.44 37 cm + 3 cm 2 3.4~ 4.5% + 8% 5. A car traveled 600 m ± 10 m in 32 ± 3 s. What was the speed of the car? $19m/s \pm 3m/s$ 6. The radius of a circle is measured to be 2.4 cm \pm 0.1 cm. What is the area of the circle? $\pi(2.5 \text{ cm})^2 = \frac{19.6 \text{ cm}^2}{1000}$ $\frac{\pi(2.5 \text{ cm})}{\pi(2.3 \text{ cm})^2 = 16.6 \text{ cm}^2} = 18 \text{ cm}^2 \pm 2 \text{ cm}^2$ $\frac{.1}{2.4} \sim 4^{\cdot}/.$











December 9, 2019

