

Intro Lab:

Accuracy / Sig Fig / Trig Lab

- 1) Find the height of the school
 - a) by using angle of elevation
- 2) Find the height of a portable
 - a) by using similar triangles (hint: shadow)
- 3) Time how long it takes an object to fall 2m.
- 4) Out this door past the portables there is a crane. Do not leave school property. How far away is the crane?

	School	Portable	Drop	Distance
Group ME				
Group Them				
Group The other guy				
.				
.				
.				
High				
Low				
Average				
% diff				

Highest / lowest value for each.

Average Value for each:

$$\frac{1}{n} \sum_{i=1}^n x_i$$

% difference for each:

$$\% \text{ Diff} = \frac{\text{difference between values}}{\text{average value}} * 100$$

Method: What you did. How you did it.

Conclusion: Why the difference? What could we have done better?