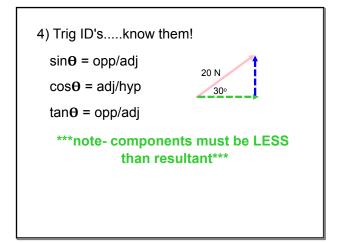
Chapter 1 Review

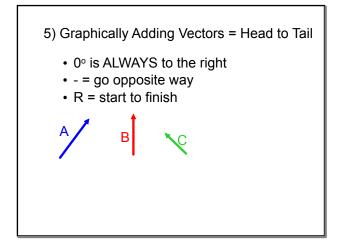
- 1) Conversion -
- Be able to convert between any units
- Know
 - > milli- (1/1000)
 - > kilo- (1000)
 - > centi- (1/100)

- 2) Dimensional Analysis
- Use to determine validity of EQ's
- · Need to know

3) Vectors

- magnitude (size, #, amt) + direction
- examples: velocity, force, displacement





Practice				٦
	Vector	Х	У	
20 N @ 25º	1			
40 N @ 100∘	2			
30 N @ 290°	3			
	R			

- 6) Analytical adding of Vectors (Trig method)
- 1. Components
- 2. Sum x an y
- 3. $R^2 = x^2 + y^2$
- 4. Sketch components
- 5. use tan function to find angle