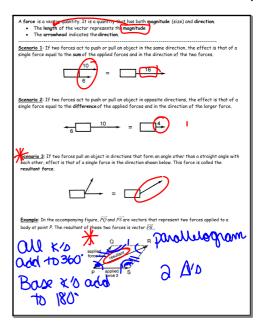
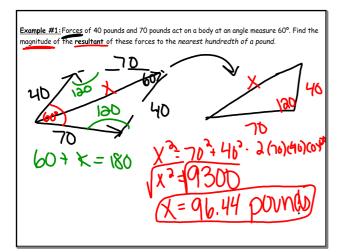
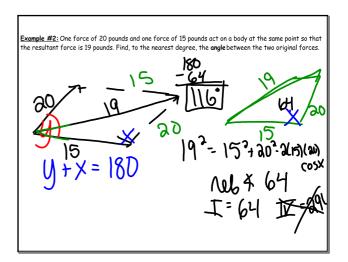
Lesson 80 Objective: SWBAT solve force problems using laws of sines and cosines.

Kickoff- Solve each of the following triangles and round your answers to the nearest tenth.

1) 27 ft \105° 22 ft 2) Triangle ABC where angle A is 70°, c is 26 and a is 25.







Example #3: Two forces act on a body to produce a resultant force of 70 pounds. One of the forces is 50 pounds and forms an angle of 67" with the resultant force.

A) Find, to the nearest pound, the magnitude of the other force.

B) Find, to the nearest degree, the angle formed between the two given forces.