

## Class Discussion

### Unit 6 Topic 1 Part 2 law of sines

Objective: application of the law of sines

Ex1: Sketch a diagram of  $\triangle ABC$  , if the relationship between the vertices can be described as follow:

From B to A:  $S28^{\circ}E$

From A to C:  $N45^{\circ}W$

From C to B:  $N13^{\circ}E$

Ex 2: City A and City B are 720 miles apart. If the bearing from B to A is  $S58^{\circ}E$  , from C to A is  $S25^{\circ}E$  , from C to B is  $S50^{\circ}W$  , find the distance from C to n City to A?