

Where am I? Resection Finding your position by getting a compass bearing to 2 or 3 known points on a map You are AT the unknown point



- You are AWAY from the unknown point.

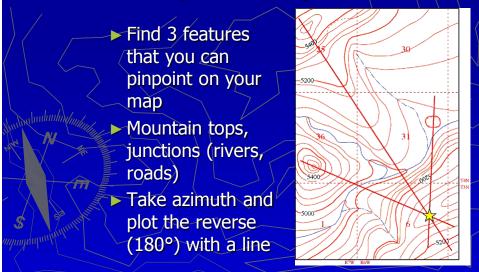
Triangulation

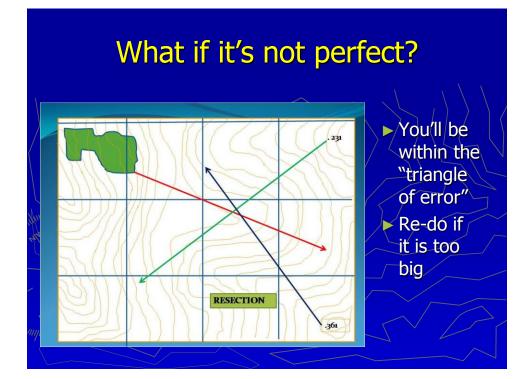
Locating a point by measuring angles
 from two known points along a fixed baseline

Same basic idea







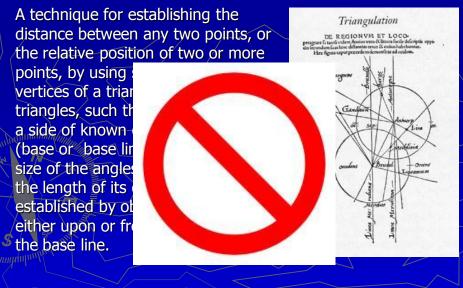


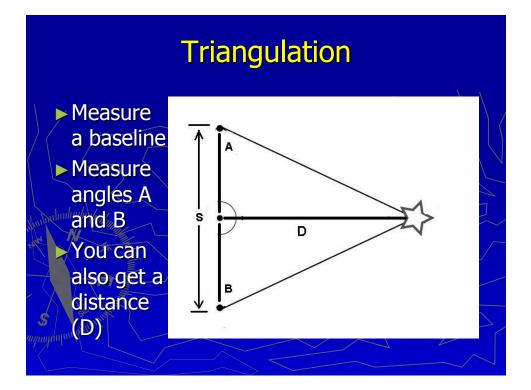
Determining a feature location (intersection)

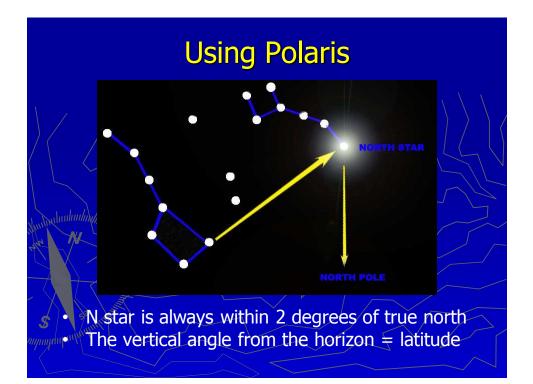
INTERSECTIO

Get an azimuth to the feature from 2 or 3 known locations
Plot the lines; where they intersect is the location

Triangulation







Using the sun and a watch



- The sun is due S at noon (Std.Time)
- Due E at 6 a.m.
- Due W at 6 p.m.
- At other times...
- point hour hand
- at the sun
- S is half way to 12

That's it...so get lost!

