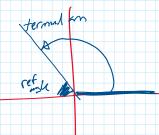
# Class\_16 Mar 2 - Angles in all quadrants

## **Tonight's Class:**

• Unit 2 Test

Tuesday, February 28, 2023 9:30 PM

- Working through section 5.2
  - Standard position angles in all quadrants



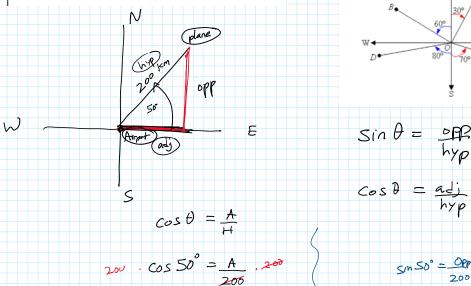


### From Section 5.1 WT page 407:

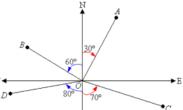


#### Solving a Problem Using Trigonometric Ratios

An aircraft made an emergency landing 200 km from an airport. Its heading from the airport was E50°N. The land-based rescue team has to travel east then north to get to the aircraft. To the nearest kilometre, how far should the team travel in each direction?

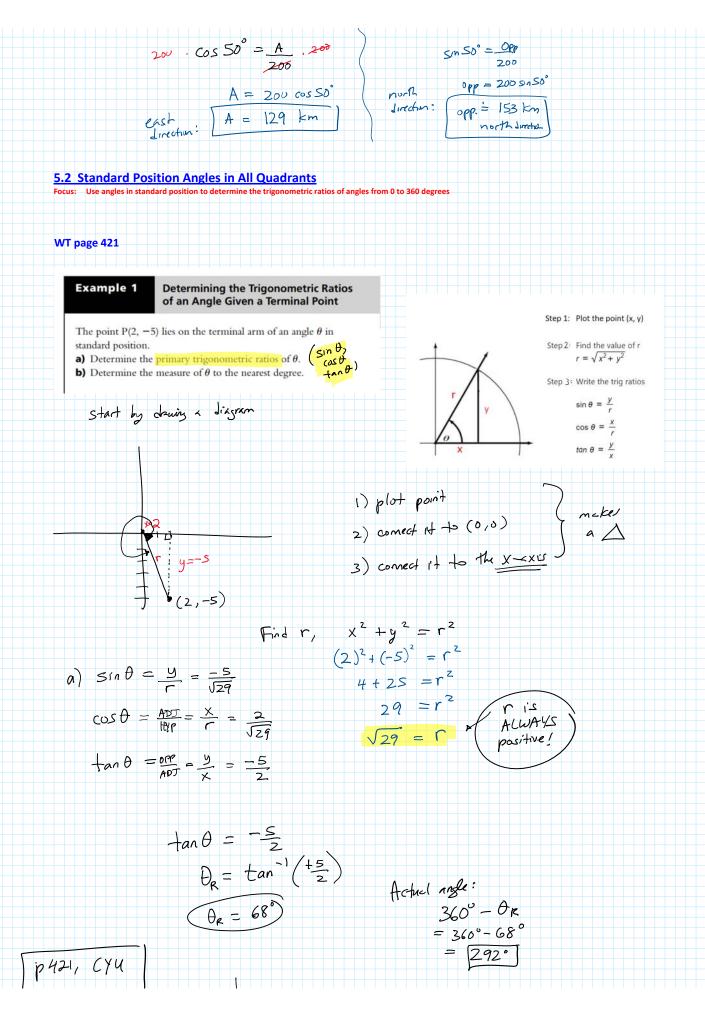


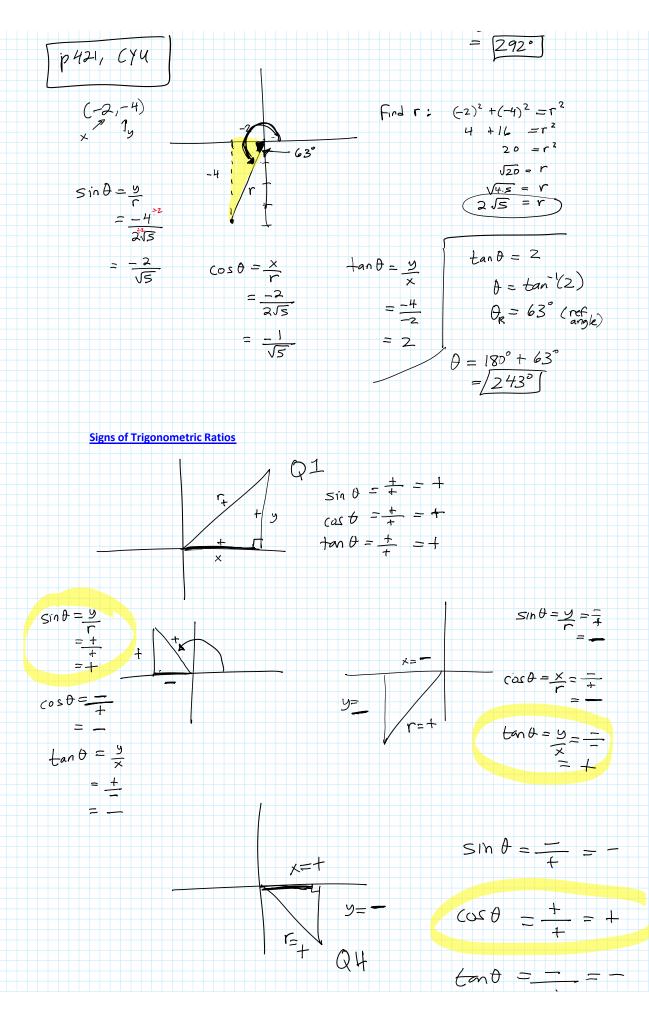
For example, the direction of *A* from *O* is N30°E. *B* is N60°W from *O*. *C* is S70°E from *O*. *D* is S80°W from *O*.

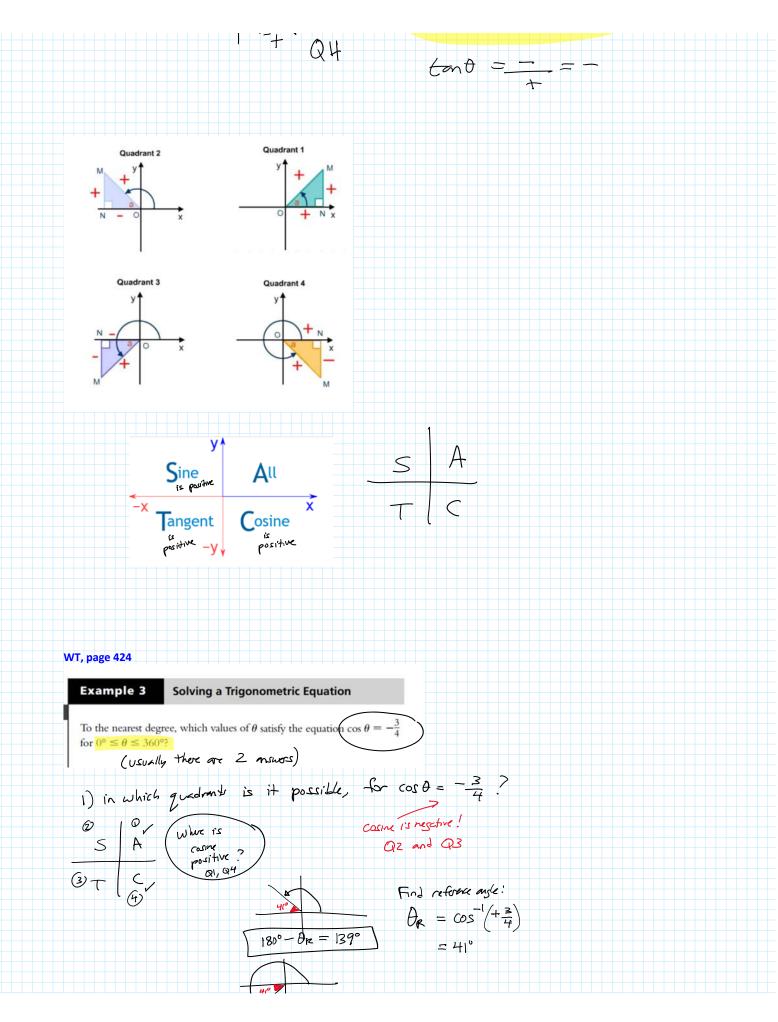


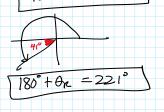
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## For next class

- Work on the worktext questions for 5.1-5.2
- For 5.2, these are good to try, so do the ones that match what we talked about, from this list: #3-7, 9-11, 14-16
- If you want to do the Unit 2 rewrite, prepare for it