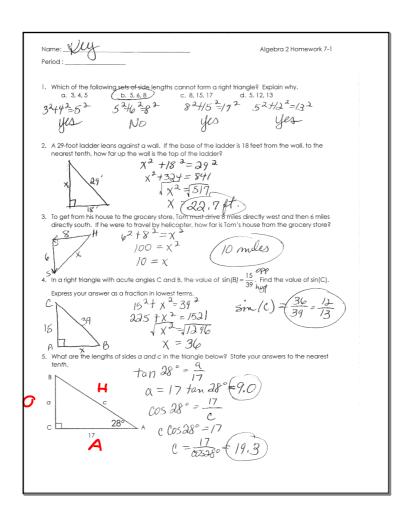
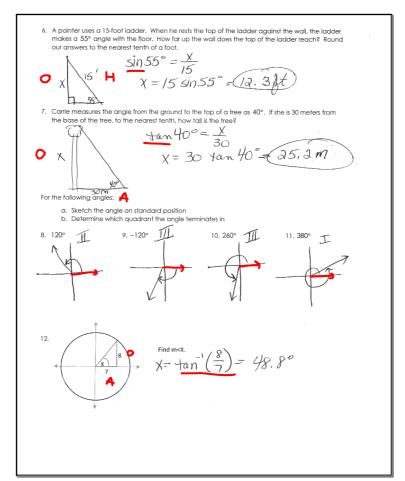
Homework 7-1

- 1. B because Pyth. Thm. doesn't work
- 2. 22.7 ft
- 3. 10 miles
- 4. 12/13
- 5. a = 9.0, c = 19.3
- 6. 12.3 ft
- 7. 25.2 m
- 8. see next slide
- 9. 48.8°

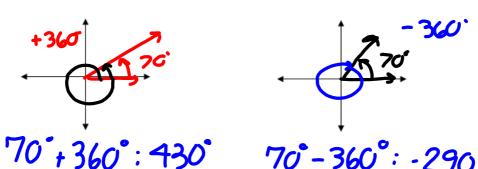
Aug 13-1:18 PM





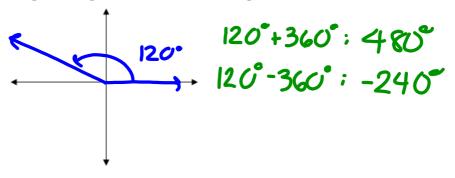
Day 2 - Co-Terminal Angles, Quadrantals and the Unit Circle

To find positive and negative co-terminal angles, add and subtract 360° to/from the angle. For example, two of the co-terminal angles for 70° are:



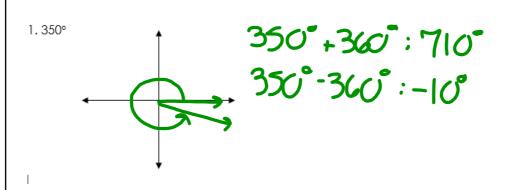
Aug 8-9:07 PM

Find a positive and negative angle co-terminal with an angle of 120°



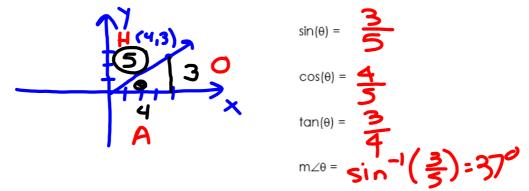
You try:

- a. Determine the quadrant in which the angle lies.
- b. Find the measures of a positive and negative angle that are coterminal with the given angle.

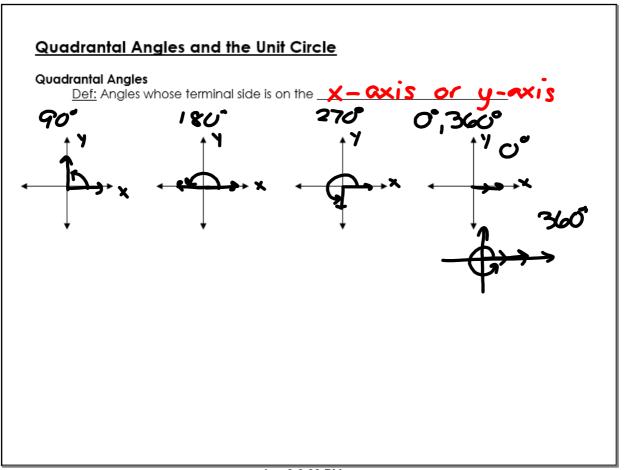


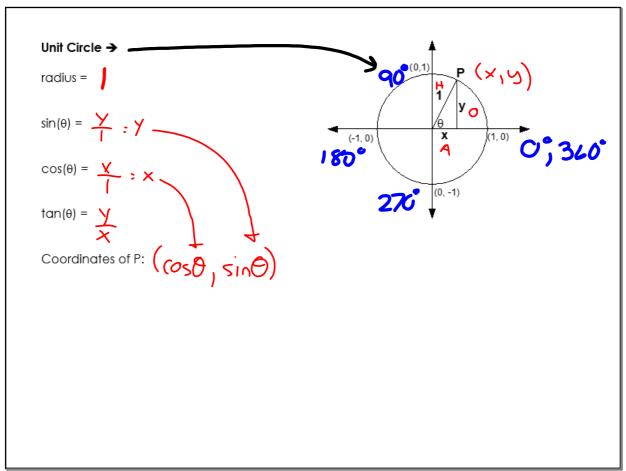
Aug 8-9:07 PM

- 4. The terminal side of $\angle \theta$ passes through the point (4, 3). What are the sine, cosine and tangent of $\angle \theta$? Also, find m $\angle \theta$.
 - * Hint: Draw the angle in standard position first.



Aug 8-9:08 PM





Aug 8-9:08 PM

