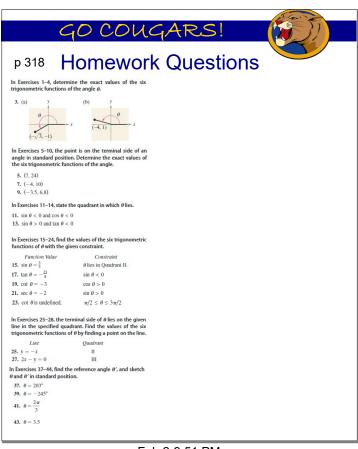
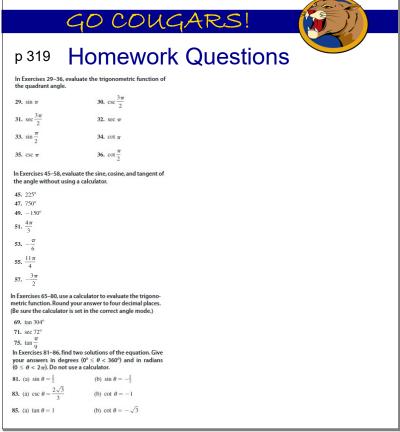
Values Quiz #2



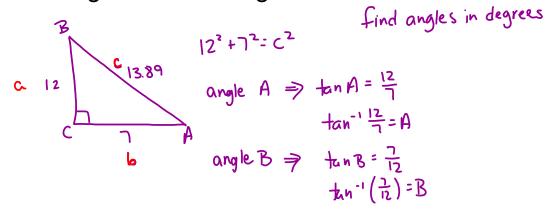
Feb 2-9:51 PM



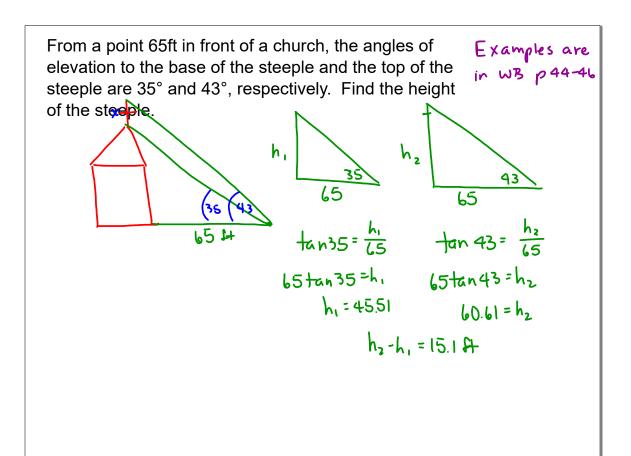
Feb 2-9:51 PM

4.8 Day 1 Applications & ModelsSolving right trianglesBearings

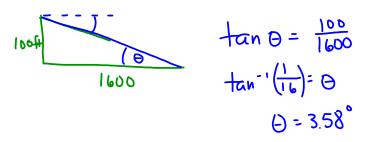
To solve a right triangle means to find all the missing sides and angles



Jan 13-11:33 AM



From the time a small airplane is 100ft high and 1600 ground ft from its landing runway, the plane descends in a straight line to the runway. Determine the plane's angle of descent.

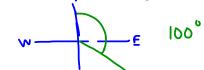


Jan 13-11:37 AM

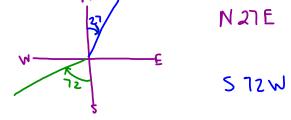
Bearings

2 ways:

1) From north moving clockwise

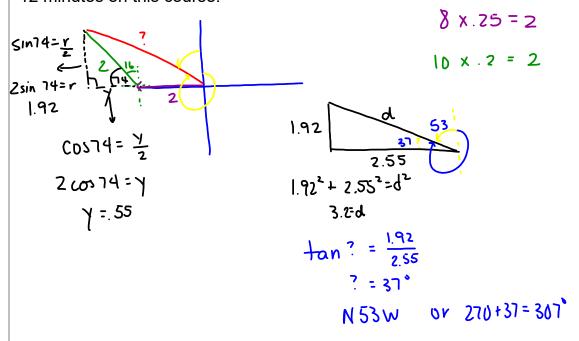


2) From a fixed NS line

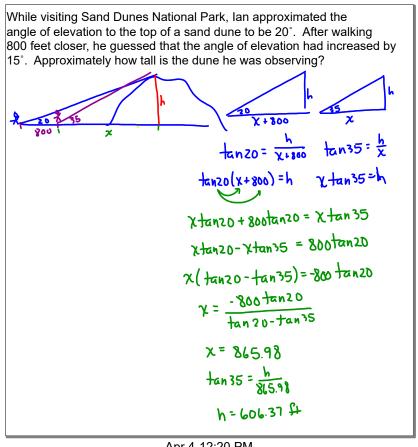


Jan 13-11:39 AM

A sailboat leaves a pier and heads due west at 8 knots. After 15 minutes the sailboat tacks, changing course to N 16° W at 10 knots. Find the sailboat's bearing and distance from the pier after 12 minutes on this course.



Jan 13-11:43 AM



Apr 4-12:20 PM

HOMEWORK



p 359 5-13, 19, 21, 22, 25, 31, 35, 40, 45-49 odd

Feb 2-9:51 PM