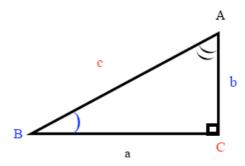
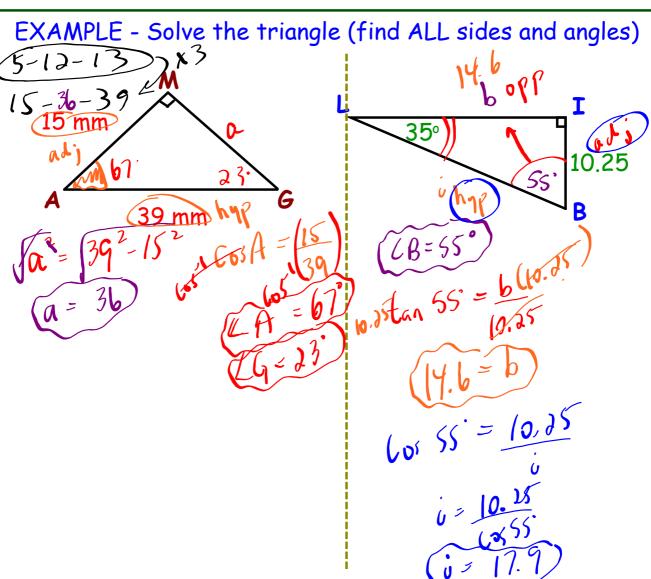


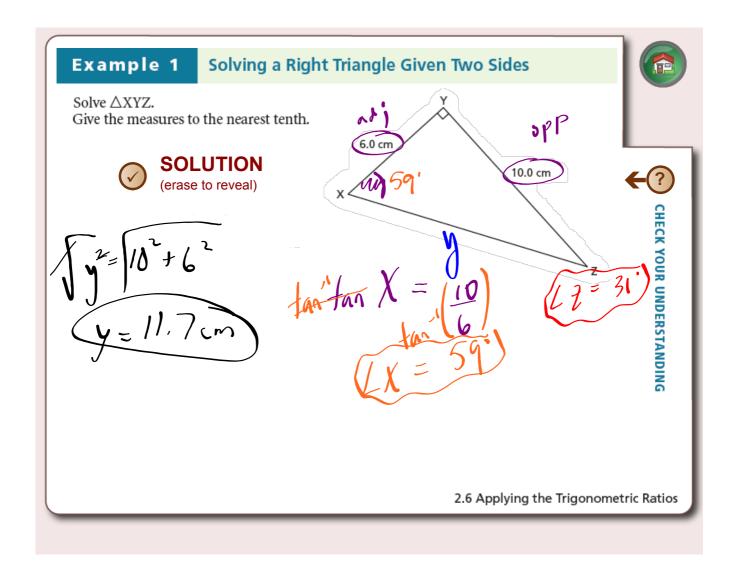
Solving Right Triangles

To solve a right triangle means to determine the measure of all six parts (3 lengths, and 3 angles by using basic trigonometric functions and/or Pythagorean Theorem)



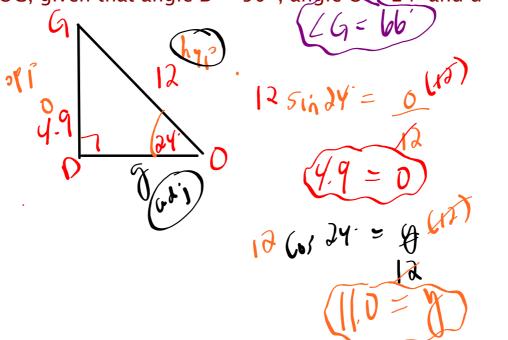


Untitled.notebook November 06, 2015



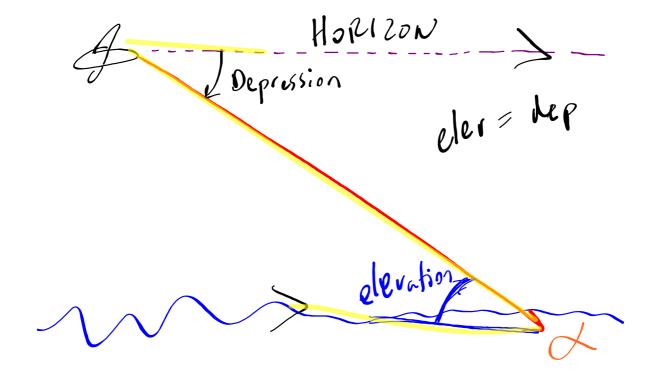
YOUR TURN...

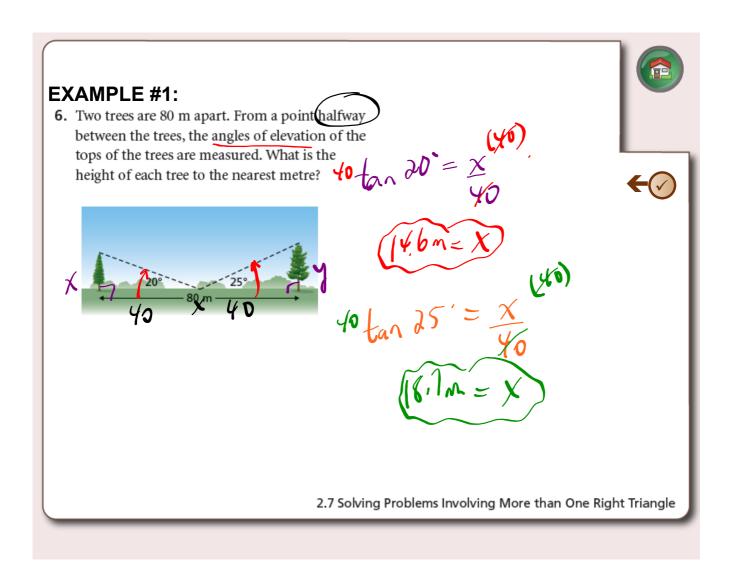
Solve $\triangle DOG$, given that angle $D=90^{\circ}$, angle $Q=24^{\circ}$ and d=12.

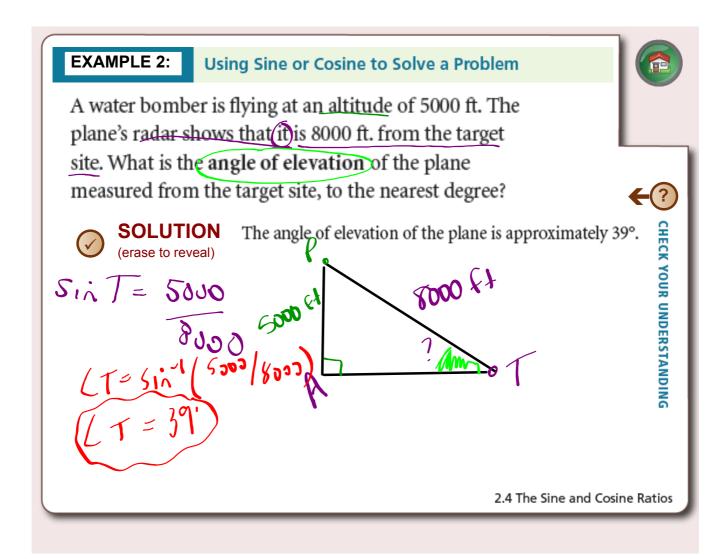


ANGLES OF ELEVATION/DEPRESSION
Review: $(Sin\theta = opp)$ $(Ss\theta = cv)$ $(Sn\theta = opp)$
SOH CAH TOA stands for hyp hyp
These trig ratios will only work with triangles. In each ratio we have angle(s) and side(s).
Angle of elevation - is the angle Angle of Depression is the angle between
between the ground / the horizon and the line
and the line of sight. (angle of inclination) Always from the GROUND up
Also, note that the angle of elevation = angle of depression **

5







Hw: # | ace
2 ace
3 ace

$$# 4 - 6$$
, # 8, # 9 * Neod was
Worksheet - Solving and Applications.pdf

Worksheet - Solving and Applications.pdf