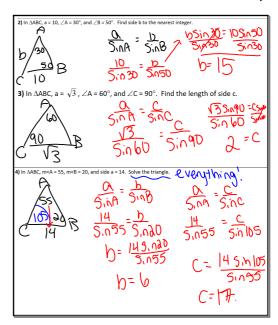
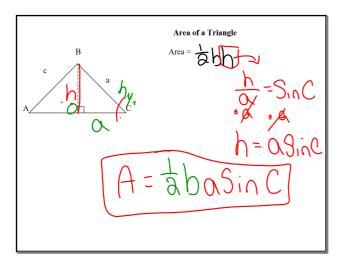
Lesson 78 Objective: SWBAT find the area of a triangle when the height is not given.

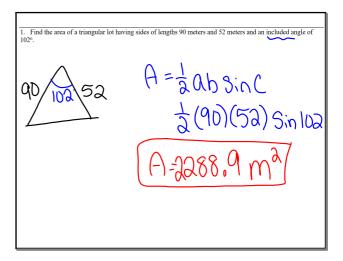
PUT YOUR WEEKLY HIW ON MY DESK!

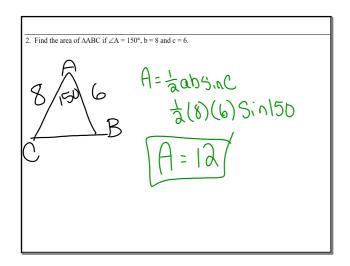
Kickoff

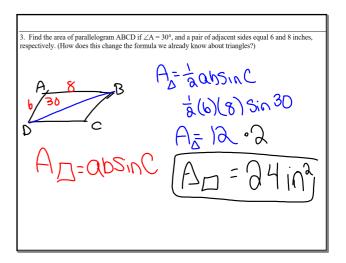
From our notes yesterday (not the HW sheet the other one!) complete question 2,3,4.



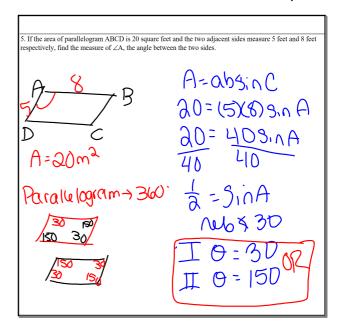








4. Find the area of an equilateral triangle whose side equals 4 cm.	



6. In isosceles triangle RST, RS = ST = 6 and  $\angle$ T = 75°. Find the area of this triangle.

7. In ABC, AB = 12 meters and AC = 20 meters. If the area of the triangle is 77 sq. meters, find the measure of < A, to the *nearest degree*.

8. A farmer has a triangular field where two sides measure 450 yards and 320 yards. The angle between these two sides measures 80°. The farmer wishes to use an insecticide that costs \$4.50 per 100 sq. yard. What will it cost to use this insecticide on this field?