See the separate handout for the WHERE IS WALDO NetLOGO code and graphic snapshot of its output. Note: As with Monte Carlo, you must show all of your work, in detail, step by step to demonstrate how you solve the problem. Numerators, denominators, algebra, the entire process, not just the final answer. Where is WALDO?

3. What is the **xcor** value for the turtle? (As in (**xcor**, ycor)).

Suggestion: DRAW THE TRIANGLE! LOOK AT THE TRIANGLE! If the short leg comes out being longer than the obviously longer leg, you know you have probably made a mistake, such as using COSINE when you meant to use SINE and vice versa. Your eyes will NOT deceive you!

A few students solved this using TANGENT instead of using SINE and COSINE approach. That is wonderful, but the SINE and COSINE is easier. I did not require the use of TANGENT for any answers on this exam.

4. What is the **ycor** value for the turtle? (As in (xcor, **ycor**)).

Show DETAILED, STEP by STEP answer. SHOW ALL WORK. Show numerators and denominators, algebra, etc. What does it mean to SHOW ALL YOUR WORK?????? Algebra, NUMERATORS, DENOMINATORS, EVERY STEP. Do NOT ASSUME! SHOW ALL YOUR WORK!!!! All of the steps and algebra.