

## Interactive Lesson on Pythagoras and the Pythagorean Theorem Note to Teachers

**Grade Level** - 8th and up.

**Approximate time** - 40 minutes, including time spent discussing results and answers. More time if students solve the Fly problem in the computer lab or in class.

**Skills practiced** - reading for information and meaning, squaring and square roots, Pythagorean Theorem practice and applications.

**NYS Standards covered** - Number and Numeration, Operations, Modeling and Multiple Representation, Patterns and Functions and Mathematical Reasoning.

**Note:** Because this lesson is interactive, students are able to check their own answers. Please insist they show work even if they use a calculator. The student handout was provided so students would have something to write on and turn in to you. It looks very similar to what is on my web page.