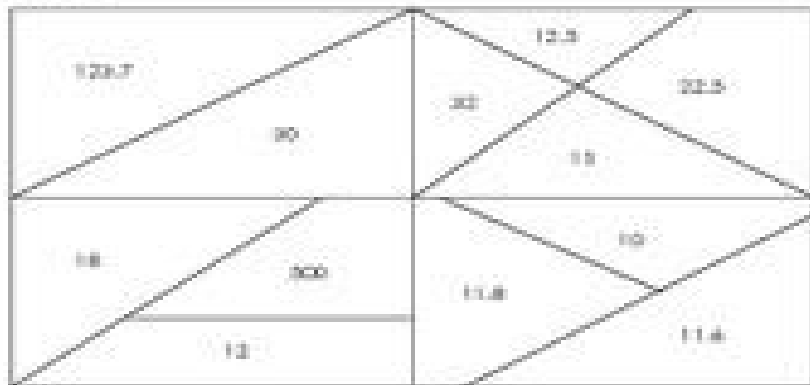


**Pythagorean Theorem Word Problems  
Coloring Worksheet**

Name \_\_\_\_\_



In the problems below, draw a picture, then use the Pythagorean Theorem to solve. Then, find the answer in design above and color the piece according to the directions. The answer will only be used once and not all answers will be used. You will need three different colors.

**Color 1**

1. A helicopter rose vertically 300 m and then flew west 400 m. How far was the helicopter from it's starting point?
2. A park is in the shape of a rectangle 8 miles long and 4 miles wide. How far is it diagonally across the park?
3. A ship leaves port and sails 12 km west, then 19 km north. Approximately how far is the ship from the port?
4. A baseball diamond is a square with sides of 90 feet. What is the shortest distance, to the nearest tenth of a foot, between first base and third base?