

Name:

ILP#:

**Math A Unit 5 Activity – The Pythagorean Theorem – 10 points**

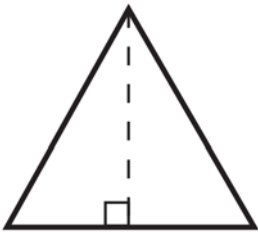
1. How long are the diagonals of a 9" x 12" rectangular picture frame?

(1 points)



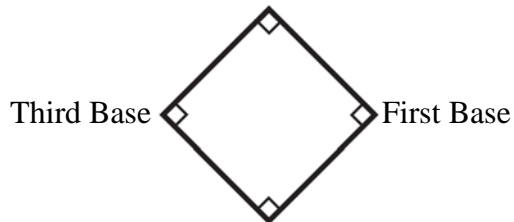
2. What is the height of an equilateral triangle with an edge of 6 meters?

(1 points)

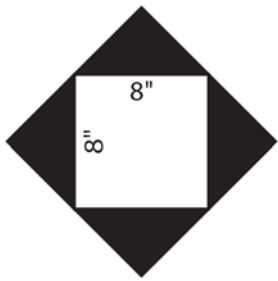


3. On a professional baseball diamond, there are 90 feet between the bases. How far is a throw from third to first base?

(2 points)



4. A black 8" tile was cut to surround a white 8" tile. What is the perimeter of the design? (3 points)



5. Two cars start off at the same point on a straight highway facing opposite directions. Each car drives 6 miles, takes a left turn, and drives for 8 miles. How far apart are the two cars? (3 points)

