RIGHT ANGLE PROBLEMS FOR KIDS WITH GUTS....

1. Owen bought a right triangle from a suspicious character in the cafeteria. The legs of the triangle are 7cm and 12 cm. How long is the hypotenuse?

2. Nolan bought his friend Carolyn a right triangle for her birthday. It was beautiful, and it was a cool gesture on Patrick's part. One of the legs was 6 inches long, and the other leg was 7 inches long. How long was the hypotenuse?

3. Birdie will accidentally pick up and put in her pocket a priceless, ancient Chinese right triangle from the Virginia Museum when we go there. (Yes, it's a problem from the future. First time ever!) Once she realizes her mistake, she will turn it in to the authorities. Before she does, she will measure the legs and find out that they are 3 cm and 5 cm respectively. What will the length of the hypotenuse be?

4. Gus has a plan to climb into our classroom window using his 16 foot ladder. If he places the ladder exactly 5 feet from the building, how high up the wall will the ladder touch?

5. Porter was playing kickball. He kicked the ball from exactly home plate, and it landed exactly on second base. If the infield is a perfect 60 foot by 60 foot square, exactly how far is it from home to second base?