Physics 2205   31 August, 1999
Quiz 3

Instructions: Put your name and 6-digit ID number in the upper right-hand corner and write your answers in large letters.

1. Who first showed that the Earth's gravity would produce the same acceleration on all objects released near its surface?

    a. Copernicus   d. Newton
    b. Galileo   e. Einstein
    c. Kepler

2. If θ is one of the non-right angles in a right triangle, then
$$\cos^2 \theta + \sin^2 \theta =$$

    a. $\tan^2 \theta$ c. the hypotenuse
    b. $\sec^2 \theta + \csc^2 \theta$ d. 1