Name: _____   _____ / 7
Chapter 6.4 Homework
Conceptual Physics   Parent Signature: _____

Each numbered question is worth 1 point, except as noted.

Reviewing Concepts

29. Explain three ways to find the location of an object's center of mass. (One method will only work for regularly-shaped objects.) (3)

30. What is the difference between the center of mass and the center of gravity?

32. Why is a tall SUV more likely to roll over in an accident than a car?

Solving Problems

17. Choose the point that is at the center of mass for each object pictured on page 163.

     Pyramid   Maple leaf   Horseshoe

18. Which object(s) will topple in the figure on page 163? The center of gravity for each is indicated.