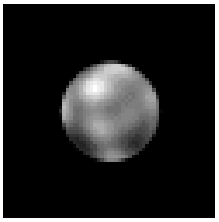
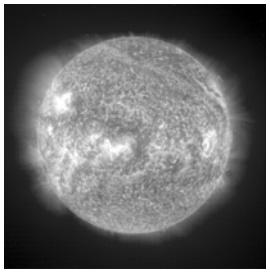
Astronomy Ranking Task:
Size & Scale

Exercise #1

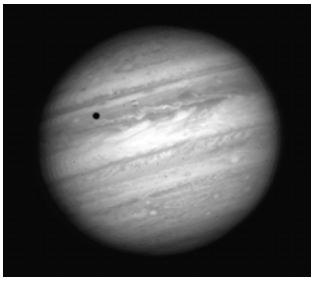
Description: Consider the images of different astronomical objects below (A-I).



A. Pluto



B. The Sun



C. Jupiter

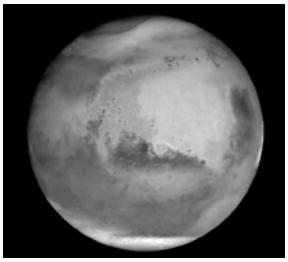
D. The Moon

E. Nebula

F. The Solar System

G. Earth

H. Neutron Star



I. Mars

Ranking instructions: Rank the size (from largest to smallest) of the different objects (A-I).

Ranking Order:

Largest 1 ____ 2 ____ 3 ____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ Smallest

Or, all the objects have the same size. _____ (indicate with a check mark)

Carefully explain your reasoning for ranking this way:

_____

_____

_____

Copyright © 2005 Conceptual Astronomy and Physics Education Research (CAPER) Team
University of Arizona