

Name: _____

Quiz 1

Physics 105

6 September 2002

- 1. What happened to the air in the balloon that was placed in liquid nitrogen?
The air in the balloon condensed into a puddle of liquid the size of a quarter and the balloon completely collapsed.

- 2. Mars appearing to change its direction of motion with respect to the fixed stars is called:
(a) reversal
⇒ **(b) retrograde motion**
(c) the epicycle
(d) the 8-minute gap

- 3. Which list is in increasing order of size?
(a) atom, molecule, galaxy, solar system
(b) galaxy, solar system, atom, molecule
⇒ **(c) atom, molecule, solar system, galaxy**
(d) molecule, atom, solar system, galaxy

- 4. Who first proposed that planets travel in ellipses around the sun?
(a) Copernicus
(b) Ptolemy
⇒ **(c) Kepler**
(d) Newton