

DISCOVERIES QUIZ

1. Copernicus published what theory?

- a) Big Bang
- b) Evolution
- c) Heliocentric

2. The Heliocentric Theory is the system where all objects orbit what body?

- a) The Sun
- b) The Earth
- c) The Solar System

3. Tycho Brahe was best known for observing what object?

- a) Nova
- b) Double Stars
- c) Galaxies

4. Which of these was not observed by Galileo?

- a) Jupiter's Moons
- b) Phases of Venus
- c) Uranus
- d) Mountains and craters on the Moon

5. True or False? Galileo invented the telescope.

- a) True
- b) False

6. Kepler's First Law says that all body's orbit each other in what kind of orbits?

- a) Circular
- b) Curved
- c) Elliptical

7. Kepler's second law states...

- a) Planets move faster the nearer they are to the Sun
- b) There is a relationship between the distance of a planet and the time it takes to orbit the Sun
- c) Planets move in elliptical orbits around the Sun.

8. Kepler's third law states...

- a) There is a relationship between the distance of a planet and the time it takes to orbit the Sun
- b) Planets move faster the nearer they are to the Sun.
- c) Planets move in elliptical orbits around the Sun.

9. Using the inverse square law, if planet A is twice as far away from the Sun as Planet B, how much less light does it receive?

- a) Twice
- b) Four times
- c) Eight times

ANSWERS

1. (c)

2. (a)

3. (a)

4. (c)

5. (b)

6. (c)

7. (a)

8. (a)

9. (b)