AstroWikipSolSys2

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Saturday 3rd November, 2018

Latex markup at
https://en.wikiversity.org/wiki/special:permalink/1863372

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Contents

1 Quiz

1. In astrophysics, what is accretion? [1]

   A. the growth of a massive object by gravitationally attracting more matter

   B. the growth in size of a massive star as its outer atmosphere expands

   C. the growth of a comet's tail as it comes close to the Sun

   D. the increase in temperature and pressure of a star as it collapses from its own gravity

   E. the condensation of volatiles as a gas cools

2. Dwarf planets are defined as objects orbiting the Sun and smaller than planets, that? [2]

   A. have been rounded by their own gravity

   B. possess an atmosphere

   C. lack an atmosphere

   D. are too far from the Sun to be planets

   E. lie in the asteroid belt

3. Dwarf planets have no natural satellites, [3]

   A. true

   B. false

4. Pluto is classified as [4]

   A. a dwarf planet and a trans-Neptunian object.

   B. an asteroid belt object

   C. a dwarf planet with no natural satellites

   D. a natural satellite of Neptune

   E. a natural satellite of Uranus

5. How many of the outer planets have rings? [5]

   A. 4

   B. 3

   C. 2

   D. 1

6. Currently there are approximately 8 billion people on Earth. For every person on Earth there will are approximately ___ stars in the Milky Way galaxy. [6]

   A. 20

   B. 2

   C. 200

   D. 2000

7. The revolution of Haley's comet around the Sun is nearly circular. [7]

   A. true

   B. false

8. The revolution of Haley's comet around the Sun is opposite that of the 8 planets.[8]

   A. true

B. false

9. The frost line is situated approximately [9]

A. 5 times as far from the Sun as the Earth is from the Sun

B. 10 times as far from the Sun as the Earth is from the Sun

C. 5 times as far from the Earth as the Earth's surface is from its center

D. 10 times as far from the Earth as the Earth's surface is from its center

2 Attribution

Notes

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