

Astronomy Quiz: Cosmic Objects

1. What is at the center of the Milky Way Galaxy?

- A black hole
- Neutron star
- A megastar

2. What is Hawking radiation?

- The gradual disappearance of stars
- The gradual disappearance of black holes
- The theory of the gradual disappearance of the universe

3. What is the Hubble Sphere?

- The boundary of the universe
- The boundary between worlds
- The boundary beyond which objects move away from us faster than the speed of light.

4. Which galaxy is the Andromeda Galaxy?

- Spiral
- Elliptical
- Lenticular

5. How long would it take for you to travel at the speed of light for 1,000,000 light years?

- Momentarily
- 1,000,000 years
- 100,000 years

6. Which substance occupies the most space in the universe?

- Dark energy
- Dark matter
- Matter

7. The closer you are to the speed of light ...

- the greater your mass
- the more you are repelled
- the less your mass

8. What is in the black hole?

- An infinite number of objects absorbed by it
- A portal to another universe.
- Singularity

9. What does what is in the black hole do?

- Stores objects
- Transports them to another universe
- Erases information from the universe forever

10. The ice from Neptune ...

- lighter than Earth's
- lighter than Earth's
- the same as Earth's

11. Does ice have a temperature above the boiling point of water?

- No
- Yes
- Probably in another universe

12. How many galaxies can we see in the sky with the naked eye (not counting the Milky Way)?

- One
- Three
- Four

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Right answers

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The gradual disappearance of black holes
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Spiral
5. How long would it take for you to travel at the speed of light for 1,000,000 light years?
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11. Does ice have a temperature above the boiling point of water?
Yes
12. How many galaxies can we see in the sky with the naked eye (not counting the Milky Way)?
Four