

Exploring Space: Easy Astrophysics Facts

Astrophysics · Answer Key · 10 Questions

1. What is the big, bright star at the center of our solar system called?

- A) Mars
- B) The Moon
- C) The Sun**
- D) Earth

2. What are huge groups of stars, gas, and dust held together by gravity called?

- A) Planets
- B) Galaxies**
- C) Comets
- D) Asteroids

3. Which object orbits the Earth and is visible in our night sky?

- A) Mars
- B) The Moon**
- C) The Sun
- D) Jupiter

4. What is the name of the galaxy our solar system is a part of?

- A) Andromeda Galaxy
- B) Pinwheel Galaxy
- C) Milky Way Galaxy**
- D) Sombrero Galaxy

5. What do planets like Earth orbit around?

- A) A moon
- B) A black hole
- C) A star**
- D) Another planet

6. Which of these celestial bodies makes its own light and heat?

- A) A planet
- B) A moon
- C) A star**
- D) An asteroid

7. What tool do astronomers use to see faraway objects in space more clearly?

- A) A microscope
- B) A magnifying glass
- C) A telescope**
- D) Binoculars

8. What is the name of the planet we live on?

- A) Mars
- B) Venus
- C) Jupiter
- D) Earth**

9. Before we had spacecraft, how did we learn about the moon and stars?

- A) By watching TV
- B) By reading books only
- C) By looking with our eyes and telescopes**
- D) By guessing

10. Which of these is a large, round object that orbits a star but does not make its own light?

- A) A star
- B) A moon
- C) A planet**
- D) A comet