

Quizizz

Name : _____

Class : _____

Unit 1.2 Review Earth's Place in the Solar System

Date: _____

1. What affects the strength of gravity?

 a) mass, distance b) mass, weight c) shape, height d) mass, height

2. When is a planet orbiting the sun the SLOWEST?

 a) closest to the sun b) furthest from sun

3. When is a planet orbiting the sun the FASTEST?

 a) closest to the sun b) furthest from sun

4. Which factor does NOT affect speed of fall?

 a) air resistance b) mass

5. Which statement is TRUE about distance and gravity?

 a) The more distance, the more gravity. b) The less distance between objects, the least strength of gravity. c) The greater the distance between objects, the greater the strength of gravity. d) The greater the distance between objects, the less strength of gravity.

6. What fraction of Earth's is the moon's gravitational pull?

 a) 1/2 b) 1/6 c) 1/3 d) 1/5

7. Where does Earth's gravity pull towards?

- | | |
|---|--|
| <input type="checkbox"/> a) south pole | <input type="checkbox"/> b) north pole |
| <input type="checkbox"/> c) center of earth | <input type="checkbox"/> d) equator |

8. What is the force that attracts objects together?

- | | |
|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> a) gravity | <input type="checkbox"/> b) velocity |
| <input type="checkbox"/> c) massivity | <input type="checkbox"/> d) galaxy |

9. What type of galaxy is ours?

- | | |
|------------------------------------|--|
| <input type="checkbox"/> a) ovular | <input type="checkbox"/> b) spherical |
| <input type="checkbox"/> c) spiral | <input type="checkbox"/> d) elliptical |

10. Approximately how many STARS are in the Milky Way galaxy?

- | | |
|--|--|
| <input type="checkbox"/> a) 600-1000 million | <input type="checkbox"/> b) 600-1000 billion |
| <input type="checkbox"/> c) 100-400 million | <input type="checkbox"/> d) 100-400 billion |

11. Approximately how old is the sun?

- | | |
|--|---|
| <input type="checkbox"/> a) 4.5 million years old | <input type="checkbox"/> b) 4.5 billion years old |
| <input type="checkbox"/> c) 4.5 trillion years old | <input type="checkbox"/> d) we have NO idea! |

12. What is likely to be located at the center of our galaxy?

- | | |
|---|---|
| <input type="checkbox"/> a) the sun | <input type="checkbox"/> b) Andromeda |
| <input type="checkbox"/> c) Sagittarius, a black hole | <input type="checkbox"/> d) local group |

13. Which is NOT true about galaxies AND solar systems?

- | | |
|--|---|
| <input type="checkbox"/> a) they both orbit around stars | <input type="checkbox"/> b) there are planets in both |
| <input type="checkbox"/> c) they both have stars | <input type="checkbox"/> d) they have dark matter |