



Meteor Study Questions

Use the **Meteor Information Sheet** to find the answers to the following questions.

- 1. Meteors are:** a. Rocks b. Comets c. Pieces of stars d. Aliens e. Thick pieces of bologna
- 2. A “Falling Star” is really:** a. Meteorite b. Meteor c. Meteoroid
- 3. True or False** Meteor showers are unpredictable and random, we never know when they’re going to happen.
- 4. A meteor’s light is caused by:** a. Reflected sunlight b. Friction with the air c. The Sun heating it up d. Alien spotlights
- 5. Meteoroids are found:** a. On the ground b. In the atmosphere c. In space
- 6. Meteorites are made of:** a. Stone b. Metals like iron and nickel c. Plastic d. Both stone and plastic e. Both stone and metal
- 7. Meteor Showers are made of:** a. Particles falling off of planets b. Particles left behind by comets c. Particles from dying stars
- 8. When you see a meteor, how high is it in the sky?** a. 50-100 feet b. 50-100 yards c. 50-100 miles d. 50-100 light years
- 9. True or False** A radiant is the spot in the sky where meteors appear to come from during a meteor shower, but is really an illusion like railroad tracks that appear to meet in the distance.
- 10. Most meteors are the size of a:** a. boulder b. small dog c. basketball d. baseball e. grain of sand
- 11. Which Meteor Shower can have over 1000 meteors/hour once every 33 years?**
a. Perseids b. Geminids c. Leonids d. Orionids e. April Lyrids
- 12. Which Meteor Shower will be the next one visible in the sky?**