



Meteor Study Questions (Answer Key)

The **correct answers** are highlighted in **yellow**.

- Meteors are:** a. **Rocks** b. Comets c. Pieces of stars d. Aliens e. Thick pieces of bologna
- A “Falling Star” is really:** a. Meteorite b. **Meteor** c. Meteoroid
- True or False** Meteor showers are unpredictable and random, we never know when they’re going to happen.
- A meteor’s light is caused by:** a. Reflected sunlight b. **Friction with the air** c. The Sun heating it up d. Alien spotlights
- Meteoroids are found:** a. On the ground b. In the atmosphere c. **In space**
- Meteorites are made of:** a. Stone b. Metals like iron and nickel c. Plastic d. Both stone and plastic e. **Both stone and metal**
- Meteor Showers are made of:** a. Particles falling off of planets b. **Particles left behind by comets** c. Particles from dying stars
- 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
- 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.
- Most meteors are the size of a:** a. boulder b. small dog c. basketball d. baseball e. **grain of sand**
- Which Meteor Shower can have over 1000 meteors/hour once every 33 years?** a. Perseids b. Geminids c. **Leonids** d. Orionids e. April Lyrids
- Which Meteor Shower will be the next one visible in the sky?** **Check dates on fact sheet**