

Name \_\_\_\_\_

## Meteor Size Matters: How Big Can Meteors Get?

### Multiple Choice Questions

1. What are the building blocks of meteors?
  - a) Stars
  - b) Meteoroids
  - c) Planets
  - d) Comets
  
2. What determines the brightness and visibility of a meteor?
  - a) Its speed
  - b) Its age
  - c) Its size and composition
  - d) Its distance from Earth
  
3. What are fireballs in the context of meteor showers?
  - a) Tiny meteors
  - b) Extremely bright and colorful meteors
  - c) Meteorites that reach Earth's surface
  - d) Meteors with long tails
  
4. Why can't extremely massive meteoroids entirely burn up in Earth's atmosphere?
  - a) They lack the necessary speed.
  - b) They are too dense.
  - c) They are made of dust and ice.
  - d) They are too small.
  
5. What is the typical size range of meteors that create "shooting stars"?
  - a) Marble-sized to basketball-sized
  - b) Pea-sized to marble-sized
  - c) Grains of sand to pebbles
  - d) Tennis ball-sized to football-sized

