

Name \_\_\_\_\_

## **The Impact of Space Rocks on Earth's History Answer Key**

- 1. Because of its massive size and speed, the Chicxulub asteroid released enormous energy, caused climate disruption, and contributed to mass extinction.**
- 2. It exploded in the atmosphere with enough force to create shockwaves that broke windows and injured over 1,000 people.**
- 3. They show that both large and medium-sized objects can cause significant damage-either on a global or local scale.**
- 4. Destroying an asteroid could create many dangerous fragments; deflecting it is safer and more controlled.**
- 5. (Answers will vary, but might include early detection systems, international cooperation, or asteroid-tracking satellites. Responses should include reasoning.)**