

Name \_\_\_\_\_

## Guardians of Health: How Bones Protect Vital Organs

### Open-Ended Response Answer Key

1. (Answers may vary) Wearing helmets during activities such as biking, skateboarding, or motorcycle riding is essential because they mimic the protective function of the skull. Helmets reduce the risk of head injuries by absorbing impact forces and preventing direct trauma to the brain.
2. (Answers may vary) Real-life examples of strong bones protecting vital organs could include situations like seat belts preventing ribcage injuries in car accidents or helmets safeguarding the skull and brain in sports accidents.

