

DAY 5 WRITTEN ANSWER TEMPLATE

Name _____



Instructions: Before reading the book, answer "Yes" or "No" to each statement. After reading the book, answer the questions again and compare your answers.

KNOWLEDGE SURVEY

YES = I agree with the statement.

NO = I do not agree with the statement.



THE HARD STUFF! ALL ABOUT BONES • LEVEL U • 1

Before Reading	THE HARD STUFF! ALL ABOUT BONES	After Reading
	The human skeleton has 206 bones.	
	The skull is made up of many different bones.	
	Teeth are not bones.	
	The pelvic bones support your intestines.	
	The foot is made up of 26 small bones.	
	Bone cells need oxygen and food.	
	Bones in the ear work together, allowing us to hear sound.	
	Bones may feel hard and solid like rocks, but they are not.	

SKILL: CONNECT TO PRIOR KNOWLEDGE

Discuss the Text

Name: _____

<p>How do you think people know so much information about bones?</p>	<p>What are the similarities between the femur and cranium? What are the differences?</p>	<p>How would the safety of our soft organs be different without the protection of bones like our pelvis and rib cage?</p>
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Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. What is this book mostly about?
 - (A) There are many kinds of bones in the human body with different purposes.
 - (B) There are many ways to prevent bones from breaking.
 - (C) Different animals have different bones.
 - (D) Bones change in many ways over time.
2. Why are the tiniest bones in a human body important?
 - (A) They help us hear vibrations.
 - (B) They help us run quickly.
 - (C) They help us stand up.
 - (D) They help us throw a ball.
3. The section titled "And Now the Appendages" is mostly about _____.
 - (A) arms and legs
 - (B) toes and feet
 - (C) wrists and shoulders
 - (D) backbones
4. Because hands and wrists have so many bones, they are very _____.
 - (A) strong
 - (B) flexible
 - (C) easy to break
 - (D) hard to control
5. What is a detail from the section titled "Inside Your Bones"?
 - (A) There are as many bones in your feet as in your hands.
 - (B) Bones contain a light, spongy material inside them.
 - (C) Bones are denser and harder on the inside than the outside.
 - (D) Bones do not grow and are not really alive.
6. The hip and shoulder joints are both _____.
 - (A) hinge joints
 - (B) ball-and-socket joints
 - (C) weak joints
 - (D) all of the above

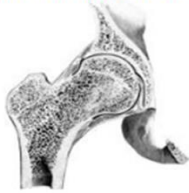
Quick Check continued on following page

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7. What is **cartilage**?
- Ⓐ types of bones that protect the spinal cord
 - Ⓑ special kinds of flexible bones
 - Ⓒ elastic tissue at the end of bones
 - Ⓓ joints that hinge and swivel
8. How is tooth enamel different from bone?
- Ⓐ Enamel is harder than bone.
 - Ⓑ Enamel grows faster than bone.
 - Ⓒ Enamel does not ever break or crack.
 - Ⓓ Enamel can repair itself if broken.
9. If you break your rib cage, what might be injured?
- Ⓐ your legs and knees
 - Ⓑ your heart and lungs
 - Ⓒ your brain and ears
 - Ⓓ your wrists and hands
10. What is the job of **bone marrow**?
- Ⓐ to connect one bone to another bone
 - Ⓑ to create new blood cells
 - Ⓒ to attach muscles to bones
 - Ⓓ to tilt and turn joints
11. **Extended Response:** How are bones important to humans?
12. **Extended Response:** Explain two reasons why it is important to see a doctor as soon as possible after breaking a bone.

Name _____

Instructions: In the table below, write the important details from each chapter of *The Hard Stuff! All About Bones* that support the main idea.



Central Idea
There are many different kinds of bones that have different functions in our bodies.



Chapter	Important Details
Body Shapers	
Heads Up	
Put Your Back Into It	
And Now the Appendages	
Don't Get Out of Joint	
Inside Your Bones	
Keeping Bones Healthy	