

Name: _____

Date: _____

BLM 16-9

Chapter 16 Test

Write the term from column B that completes the sentence in column A. There is one extra word.

A	B
1. This helmet is an example of a multiple-impact helmet _____.	a) bicycle
2. The force of _____ prevents or slows down the movement of an object.	b) chin
3. A _____ helmet should be tossed in garbage if it has been involved in one crash.	c) friction
4. The _____ strap keeps a helmet securely on your head.	d) rebound
	e) hockey

5. What is a spring scale used for?

6. How does oil affect the friction of surfaces?

7. Do you agree with this statement? "You should wear a helmet every time you ride a bike." YES NO Explain.

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(continued)

- 8.** The air in a basketball may leak out over time. An old basketball may be flatter than a new one. A flatter basketball will not bounce as high as a properly inflated basketball.

Describe an investigation you could do to find out the difference between the bounces of an old basketball and a new basketball.

- a)** What will you need?

- b)** What will you do?

- 9. a)** Suggest one advantage of playing tennis with this tennis ball.

- b)** Suggest one disadvantage of playing tennis with this tennis ball.



- 10. a)** Draw a picture of a multiple-impact helmet and label the shell, the liner, and the chin strap.



- b)** Explain why multiple-impact helmets are useful for protecting hockey players.
