

Chapter Test B

The Science of Physics

Multiple Choice

For the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

1. In which sense is physics a cumulative knowledge that builds on the work of previous scientists?
a. mathematics
b. technology
c. science
d. engineering
2. According to the scientific method, which theory is falsifiable and experimentally testable?
a. the geocentric model
b. the heliocentric model
c. the geocentric model
d. the heliocentric model
3. Scientists use two designations:
a. atomic and molecular structures
b. atomic and molecular structures
c. molecular structures and isotopes
d. atomic structures and isotopes
4. The mass of an object is the amount of matter it contains. The length of an object is the
a. distance
b. time
c. mass
d. volume
5. The distance of an object is the length of the path it travels. The displacement of an object is the
a. distance
b. time
c. mass
d. volume
6. The distance of an object is the length of the path it travels. The displacement of an object is the
a. distance
b. time
c. mass
d. volume
7. The distance of an object is the length of the path it travels. The displacement of an object is the
a. distance
b. time
c. mass
d. volume
8. The distance of an object is the length of the path it travels. The displacement of an object is the
a. distance
b. time
c. mass
d. volume

Holt Physics Chapter 9 Answers

Yicheng Fang



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