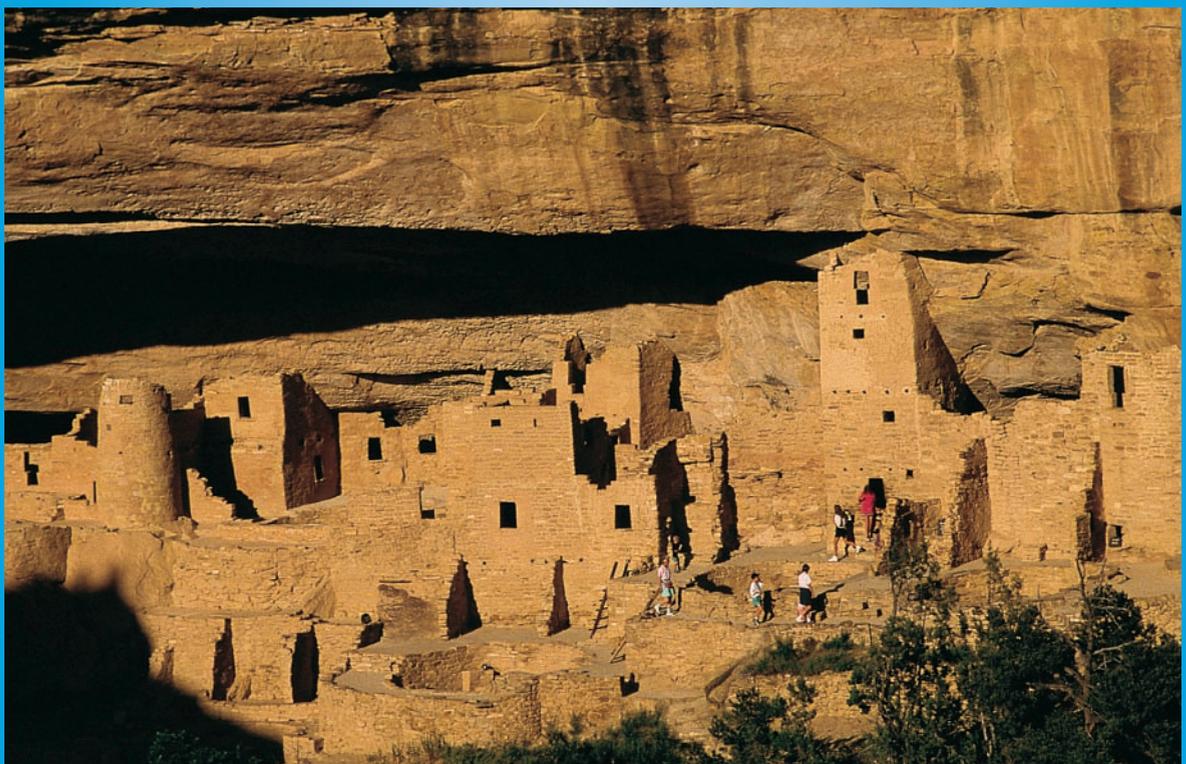


WRITING LINEAR EQUATIONS

▶ *How can you figure out how old an artifact is?*



CHAPTER

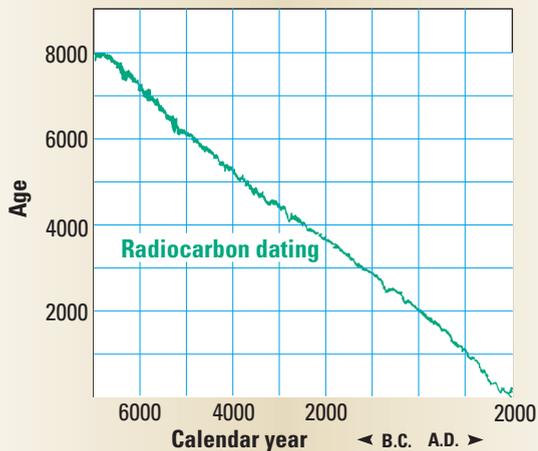
5

APPLICATION: Archaeology

Archaeologists use radiocarbon dating to estimate the age of an artifact. To do this, they use an instrument to measure the amount of carbon-14 remaining in a sample.

Think & Discuss

In Exercises 1–3, use the graph below.



1. What calendar year corresponds to an artifact that has a radiocarbon age of 7000?
2. What is the radiocarbon age of an object from 4000 B.C.?
3. For which calendar years does radiocarbon dating produce the most accurate results?

Learn More About It

You will learn more about archaeological dating in the Math & History on p. 306.



APPLICATION LINK Visit www.mcdougallittell.com for more information about archaeology.

