

Use the textbook page 240

The Principle of Superposition [p.240]

Suppose that you have a brother who takes a _____ of _____ of your family and _____ them in a _____. Over the _____, he _____ new pictures to the _____ of the stack. Think about the family _____ recorded in those pictures. Where are the _____ pictures-the ones taken when you were a _____? Where are the most _____ pictures-those taken _____ week?

Superposition in Rock Layers

Layers of _____ rock, such as the ones shown in Figure 3, are like _____ photographs. As you move from _____ to _____, the layers get _____. The _____ that states that _____ rocks lie _____ rocks in _____ sequences is called _____. Superposition helps geologists determine the _____ ages of rock layers.

Superposition also helps _____ determine the relative _____ of _____. Fossils represent _____ that lived when _____ collected to form _____ rock. So, fossils found in a _____ rock layer are _____ than fossils found in an _____ rock layer. And fossils found in _____, or older, rock layers are _____ than fossils found in _____, or younger, rock layers.

Use the textbook page 246

Section 3 Absolute Dating p.246

Key Concept Because radioactive decay _____

What You Will Learn

- Radioactive decay is the _____

- Radiometric dating is the _____

Why It Matters

Estimating the age _____

you can use the glossary in the back of the book for vocabulary

Vocabulary

- absolute dating = _____

- radioactive decay = _____

- radiometric dating = _____

- half-life = _____

Use the textbook page 246 in the bottom left corner.

7.3.c Students know how independent _____
