

Earth's Layers

Name: _____

Pre questions page

1. What is the fossil record?
2. What is the name of scientists who study the fossil record?
3. Why are there gaps in the fossil record? (4)

4. How do fossils form?
5. What are the two ways scientists can determine the age of fossils?

Activity

Directions:

1. color in the rock layers of the fossils record labeled A-E
2. Cut, fold, and tape your 3-D diagram
3. Write down what happened in each rock layer in order below:
A

B

C

D

E

Questions:

1. Which is older trilobites or brachiopods? How do you know?
2. What is one reason why there is no fossils in D?
3. What came first plants or reptiles? How do you know?
4. What could be one reason why the rock layers are tilted and not flat and horizontal?
5. If layer E was dated using the half life of uranium to be 220 million years old how old would the fossilized skull be, older, the same age, or younger? Explain.

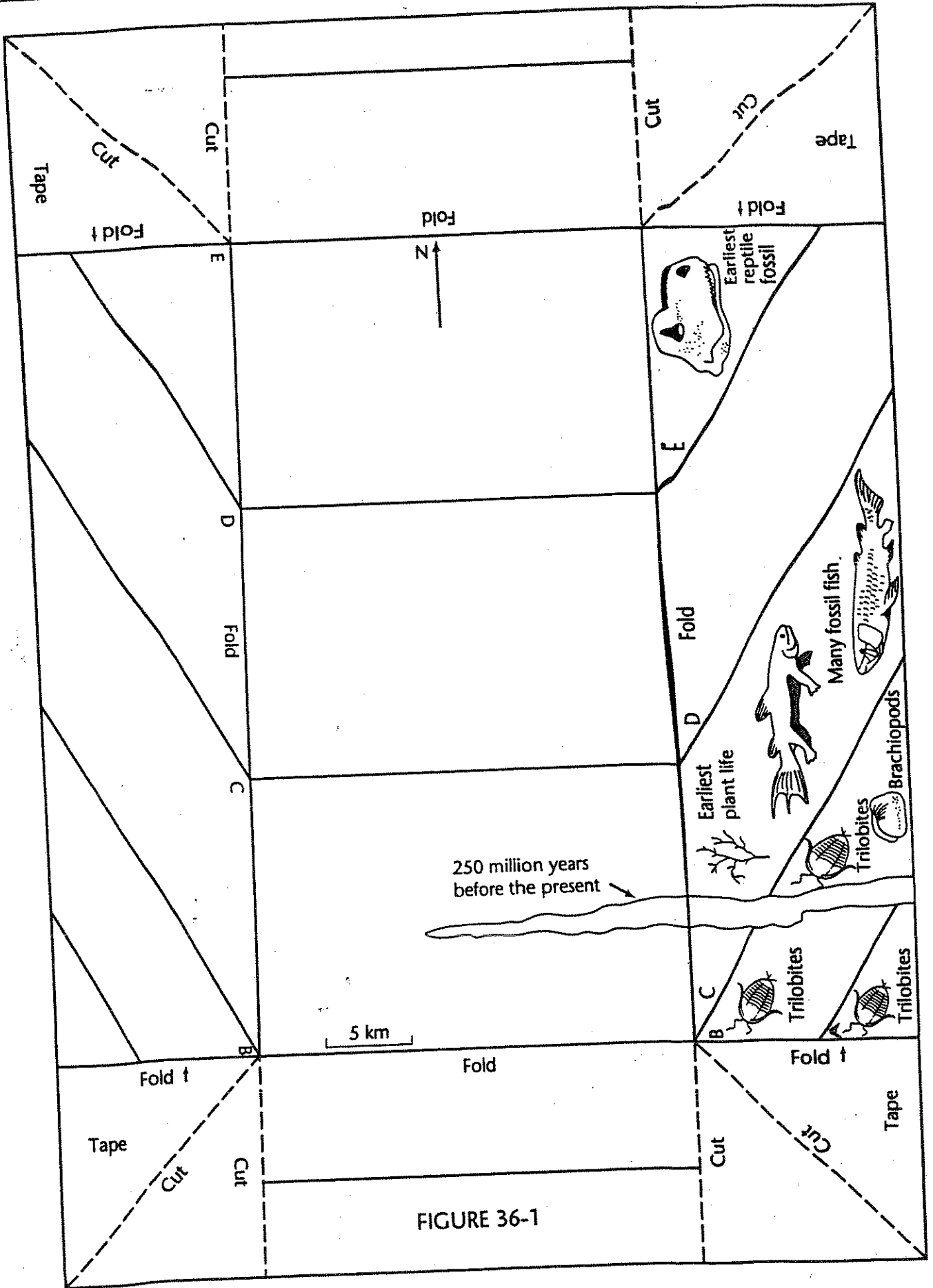


FIGURE 36-1