

I. Plate tectonics

- A. _____ million years ago, _____ were joined together.
- B. This continent was called _____.
- C. Over millions of years, the _____ have moved.

Plates either:

- 1. _____ from each other.
 - 2. _____ together
 - 3. _____ each other
- D. There are _____ major plates and numerous small ones.
- 1. Name of some are:
 - a. _____
 - b. _____
 - c. _____
 - d. _____

E. Evidence of this _____ can be found in many places.

- 1. Baja California
- 2. California
- 3. India
- 4. Japan
- 5. Australia

F. Crust

- 1. On continents, the crust is _____ miles deep.
- 2. On the ocean floor, the crust is _____ miles deep.
- 3. The radius of the _____ is 4,000 miles.

G. Mantle

- 1. The _____ rides on the mantle
- 2. Made up of rock that behaves like a _____
- 3. It bends and flows under _____

H. Outer Core

- 1. _____ outer core.
- 2. Very _____ .

I. Inner Core

- 1. It is _____ and _____
- 2. Made up of _____ and _____

I. Plate tectonics

J. 250 million years ago, the continents were joined together.

K. This continent was called Pangaea.

L. Over millions of years, the spread away have moved.

Plates either:

1. Spread away from each other.

2. Move together

3. Slide by each other

M. There are 12 major plates and numerous small ones.

1. Name of some are:

a. North America

b. Pacific

c. Eurasian Plate

d. South America

N. Evidence of this movement can be found in many places.

1. Baja California>earthquake

2. California>earthquake

3. India-mountains

4. Japan –earthquakes and volcanoes

5. Australia

O. Crust

1. On continents, the crust is 45 miles deep.

2. On the ocean floor, the crust is 4 miles deep.

3. The radius of the earth is 4,000 miles.

P. Mantle

1. The crust rides on the mantle

2. Made up of rock that behaves like a plastic

3. It bends and flows under pressure

Q. Outer Core

1. Liquid outer core.

2. Very hot.

R. Inner Core

1. It is solid and metallic

2. Made up of nickel and iron

Plate Tectonics

I. Plate Tectonics

A. _____ million years ago, _____ were joined together.

B. This continent was called _____.

C. Over millions of years, the _____ have moved.

Plates either:

1. _____ from each other
2. _____ together
3. _____ each other

D. There are _____ major plates and numerous small ones.

1. Names of some are:

- a. _____
- b. _____
- c. _____
- d. _____

E. Evidence of this _____ can be found in many places

1. Baja California
2. California
3. India
4. Japan
5. Australia

F. Crust

1. On continents, the crust is _____ miles deep
2. On the ocean floor, the crust is _____ miles deep
3. The radius of the _____ is 4,000 miles

G. Mantle

1. The _____ rides on the mantle
2. Made up of rock that behaves like a _____
3. It bends and flows under _____

H. Outer Core

1. _____ outer core
2. Very _____.

I. Inner core

1. It is _____ and _____
2. Made up of _____ and _____