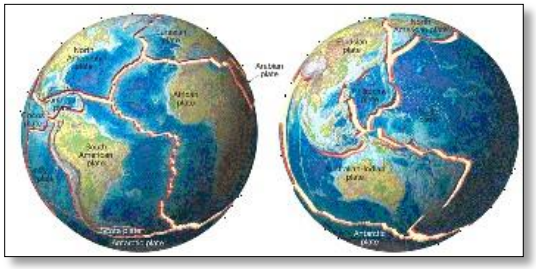
# Grade 7 Chapter 11 – Earth's changing surface Review

1. What is the theory that states that Earth's crust is broken into rigid plates that move over the Earth's surface?



   A. Continental drift
   B. Plate boundaries
   C. Plate tectonics
   D. Convection

2. At what speed does the tectonics plate move per year?

   A. A few millimeters per year
   B. A few centimeters per year
   C. A few meters per year
   D. A few kilometers per year

3. True or False? It takes moving plates millions of years to make new continents, new mountain ranges or other landforms.

   True
   False

4. Which of the following is evidence of plate motion? Choose **three** correct options.

   A. Geological evidence
   B. Continental drift
   C. Plate boundaries
   D. Fossils
   E. Ocean trench

5. Which scientist developed the hypothesis that continents moved? _____

6. What are the edges of tectonic plates called? _____

7. Choose the correct term for each of the following descriptions.

**Divergent  Transform  Convergent**

A. A boundary where two plates move toward each other _____.

B. A boundary where two plates move away/apart from each other _____.

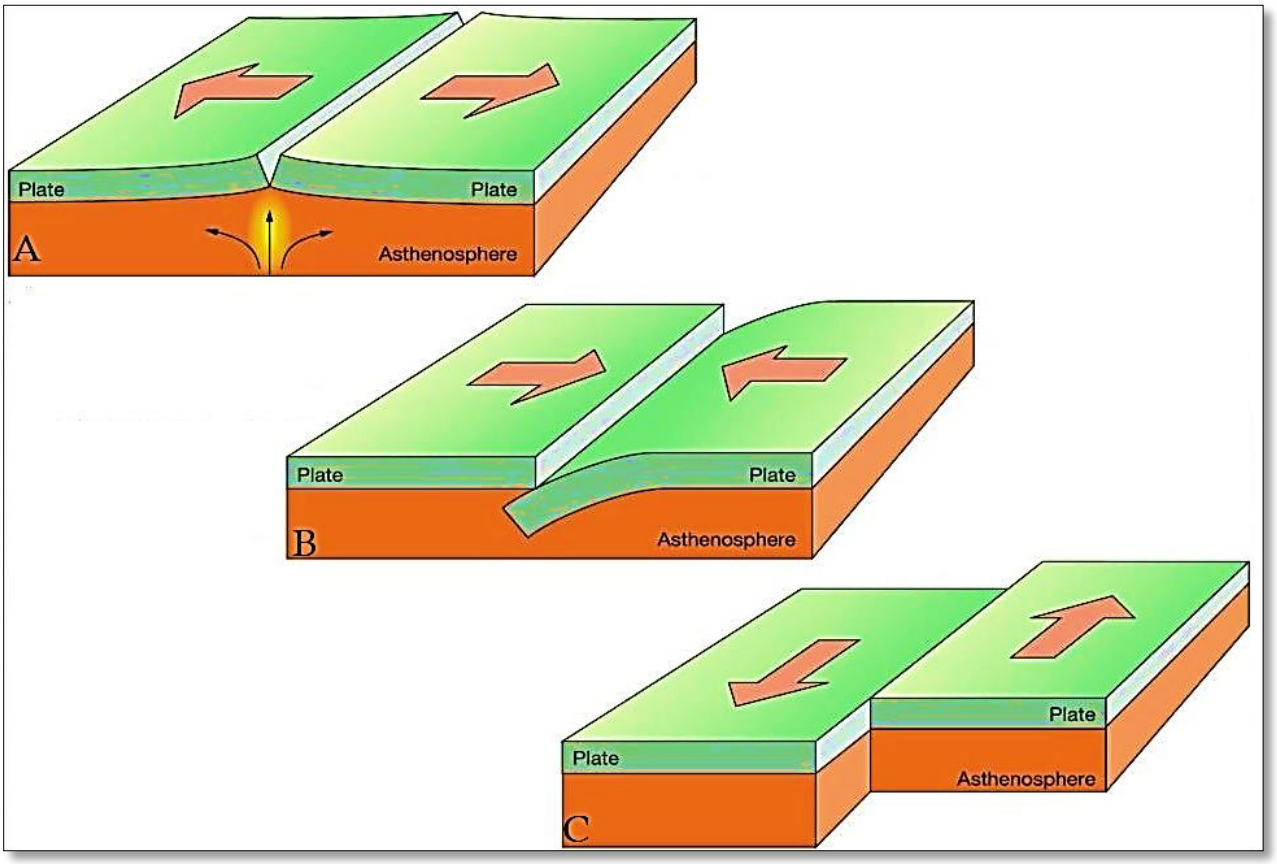
C. A boundary where two plates slide horizontally past each other _____.

8. Identify each type of tectonic plate boundary as marked by A, B and C.

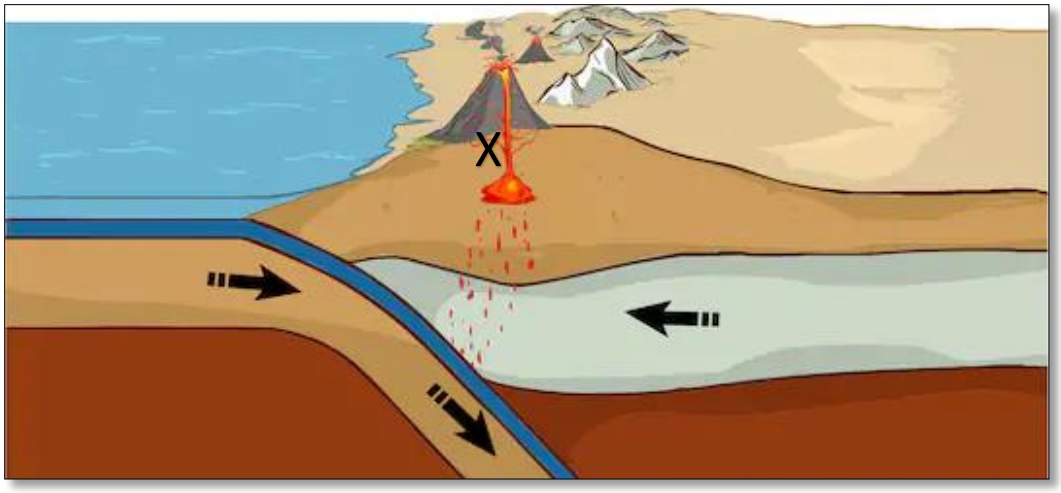
A. _____

B. _____

C. _____



Use the following diagram to answer Questions 9, 10 and 11.




9. Which type of tectonic plate boundary is shown in the diagram?

   A. Transform boundary
   B. Divergent boundary
   C. Convergent boundary

10. True or False. The continental crust is denser than the oceanic crust.

    True
    False

11. What land feature is marked by X on the diagram?

    A. Waterfall
    B. Rift
    C. Trench
    D. Volcano

12. What is the process that breaks down rocks, changing the Earth's surface?

    A. Weathering
    B. Erosion
    C. Deposition

13. Weathering produces small particles of rocks called _____.

14. Match up each of the following with its correct definition.
Write only the correct letter next to each definition.

A. Chemical weathering
B. Erosion
C. Physical weathering
D. Deposition

_____ The process of laying down eroded material in a new location.

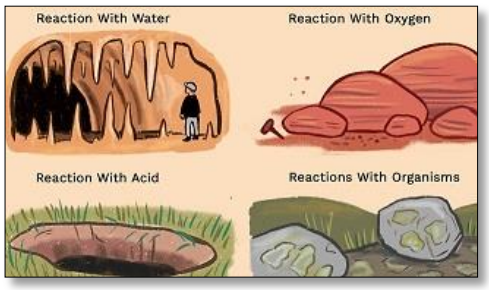
_____ The process of changing the composition of rocks and minerals by exposure to water and the atmosphere.

_____ The process of breaking rock into smaller pieces without changing the composition of the rock.

_____ The process of moving eroded material from one place to another.

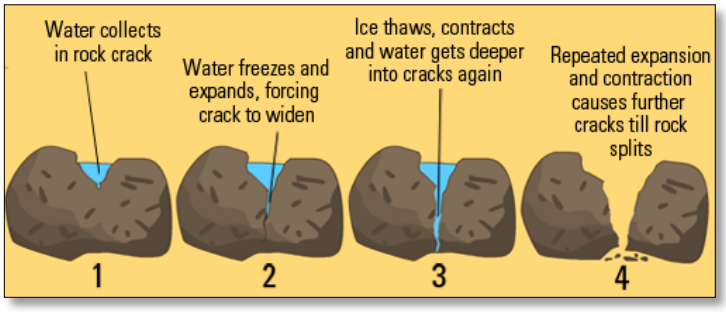
15. Which type of weathering is shown in the diagram?

A. Physical weathering
B. Chemical weathering
C. Biological weathering




16. Which type of weathering is shown in the diagram?

A. Physical weathering
B. Chemical weathering
C. Biological weathering




17. Name any three agents of erosion and deposition.

_____

Answers.

1. C

2. B

3. True

4. A
   B
   D

5. Alfred Wegener

6. plate boundaries

7. A. Convergent
   B. Divergent
   C. Transform

8. A. Divergent boundary
   B. Convergent boundary
   C. Transform boundary

9. C

10. False

11. D

12. A

13. sediments

14. D
    A
    C
    B

15. B

16. A

17. Water
    Wind
    Ice