



EARTH SCIENCE EXPLORED

Sample Quiz: Lesson 10

Students answer quiz questions online where they are **automatically graded**. The quizzes are designed to help the student test their own knowledge of the material. They should use the weekly comprehension quizzes as an opportunity to see where there are weaknesses in understanding so they can go back and study these areas.

There will be four quarterly exams. These will be longer and more comprehensive tests, but the course contains study guides to help students study all the important material. The exam grades are final —grades cannot be reset. As a parent, you can log in to your own parent dashboard and click on “Student Management” to see the grades for each quiz.

1. What is the process that allows rocks to change from one type of rock to another?
 - a. Weathering cycle
 - b. Erosion cycle
 - c. **Rock cycle**
 - d. All of the above
2. When a substance resists flow, so it moves very slowly, like peanut butter, we say it has a _____ viscosity.
 - a. **high**
 - b. low
3. A rock that forms from cooling magma or lava is called a(n) _____ rock.
 - a. sedimentary

- b. **igneous**
 - c. metamorphic
 - d. meteorite
4. A rock that forms from sediment being compacted and cemented together is called a(n) _____ rock.
- a. **sedimentary**
 - b. igneous
 - c. metamorphic
 - d. meteorite
5. A rock that is formed from intense heat and pressure is called a(n) _____ rock.
- a. sedimentary
 - b. igneous
 - c. **metamorphic**
 - d. meteorite
6. A rock formed in space that crash lands on earth is called a(n) _____
- a. sedimentary
 - b. igneous
 - c. metamorphic
 - d. **meteorite**
7. An _____ igneous rock forms when magma cools slowly inside the earth and has _____ crystals.
- a. extrusive; small
 - b. extrusive; large
 - c. intrusive; small
 - d. **intrusive; large**
8. An _____ igneous rock forms when lava cools quickly outside of the earth's crust and has _____ crystals.
- a. **extrusive; small**

- b. extrusive; large
 - c. intrusive; small
 - d. intrusive; large
9. For a sedimentary or igneous rock to change into a metamorphic rock, it has to be exposed to _____.
- a. **intense heat and pressure**
 - b. freezing water
 - c. heat that is so intense it melts them into magma and cools them again
 - d. nature that breaks them into sediment and then cemented and compacted together
10. For an igneous or metamorphic rock to become a sedimentary rock, they have to be exposed to _____.
- a. intense heat and pressure
 - b. freezing water
 - c. heat that is so intense it melts them into magma and cools them again
 - d. **nature that breaks them into sediment and then cemented and compacted together**