Year 8 Science: The rock cycle, fossils, soil and using Earth materials

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. A rock has large interlocking crystals. Is it more likely to have cooled quickly at the surface or slowly underground?

2. Which type of rock forms when limestone is changed by heat and pressure into marble?

3. Name the three processes, in order, that move a rock at the surface into a new sediment layer.

4. Why are fossils rarely found in igneous rock?

5. Why is aluminium chosen over steel for an aircraft body?

Fix the mistake

6. Correct this statement: "Metamorphic rock forms when rock melts and cools again."

7. Correct this statement: "The rock cycle always goes igneous, sedimentary, metamorphic in that order."

8. Correct this statement: "A fossil is the actual bone or shell of the animal."

9. Correct this statement: "Soil is just ground-up rock."