

Name: _____

Date: _____

- 1 What makes this fossil of a plant different from this piece of granite?
 - A The fossil contains the imprint of a once living thing, a plant. The granite is merely a rock which does not have any remnants of pre-existing life.
 - B Nothing. They are the same.

- 2 What factors prevent this dead fish, or these leaves from becoming fossils?
 - A The dead fish and leaves will quickly decay over several days, be eaten by other living things, or be destroyed by wind, rain, and the sun.
 - B Only living things can become fossils, and the fish is already dead.

- 3 What would happen if you put your hands or feet in this wet cement?
 - A A big construction guy with bad breath would get really mad at you for ruining his work.
 - B The hands and feet would leave an imprint which would become permanent as the cement hardened.

- 4 Describe this substance.
 - A This substance is a just like something I saw in a really scary movie once.
 - B This substance is a black, gooey substance composed of crude oil referred to as asphalt or tar.

- 5 What fossils do you use nearly every day?
 - A Sometimes I play cassette tapes. They're fossils, aren't they?
 - B We use oil in our homes for heat and gasoline for our vehicles. Oil and gasoline are fossil fuels. Another type of fossil fuel we use is coal. Coal is widely burned in power plants across the world to produce electricity. Cement is another product derived from fossil rocks. Cement is used in foundations of buildings, bridges, and sidewalks.

- 6 _____ are the remains or traces of once living things.
 - A fossils
 - B organisms

- 7 _____ are scientists who study fossils.
 - A paleontologists
 - B naturalists

- 8 _____ burial is important for fossil formation.
 - A slow
 - B rapid

- 9 Most fossils are found in _____ rocks.
- A igneous
 - B sedimentary
- 10 The presence of _____ parts increases the likelihood of an organism forming a fossil.
- A hard
 - B soft
- 11 _____ is the process by which cells are replaced with minerals.
- A petrification
 - B putrification
- 12 A _____ is a fossil which resembles the original organism.
- A cast
 - B rock
- 13 A frozen woolly mammoth is an example of preserved _____ material.
- A petrified
 - B original
- 14 _____ fossils help scientists correlate rock layers.
- A mold
 - B index
- 15 Oil and coal are examples of fossil _____.
- A fuels
 - B watches