



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Uniformitarianism

Permineralization

Cast and mold

Relative time

Trace fossil

Principle of superposition

Petrification

Absolute time

1. _____ - the filling of pores in organic material with mineral material

2. _____ - the complete replacement of organic material with mineral material, literally

3. _____ younger superimposed

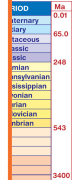
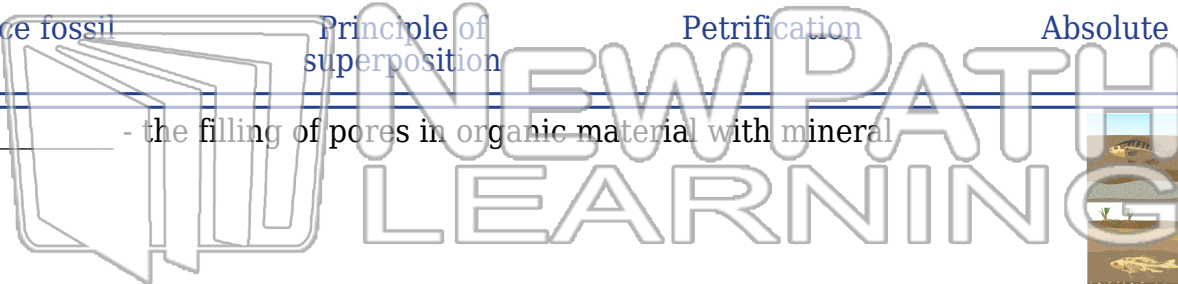
4. _____ are described into eons

5. _____ (for example)

6. _____ - the theory proposed by James Hutton (1795) that geologic episodes we see today were also active in the past, and that slow, regular change combines over millions of years to create the major geologic features of the Earth; it can be summarized by the phrase, "the present is the key to the past"

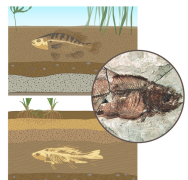
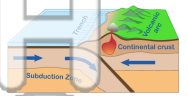
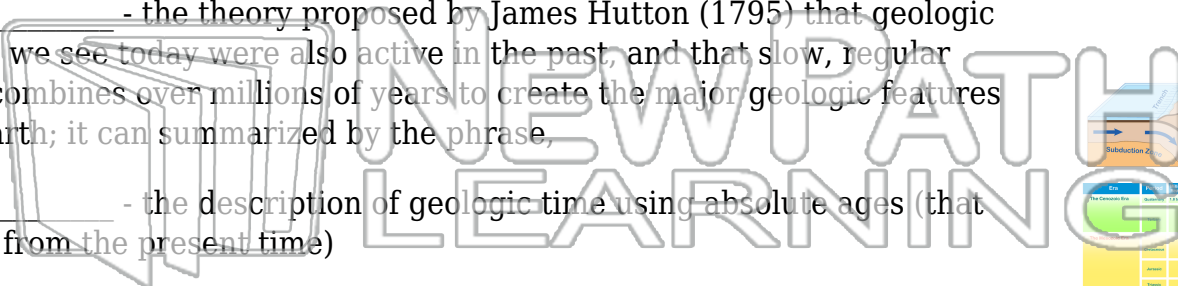
7. _____ - the description of geologic time using absolute ages (that is, years from the present time)

8. _____ - a process of fossilization by which an organism leaves an impression of its form in sediment (the mold), which is later filled by more sediment (the cast), preserving the form of the organism



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet





Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Uniformitarianism

Permineralization

Cast and mold

Relative time

Trace fossil

Principle of superposition

Petrification

Absolute time

1. **permineralization** - the filling of pores in organic material with mineral material

2. **petrification** - the complete replacement of organic material with mineral material; literally

3. **principle of superposition** - the principle that in undisturbed sedimentary rock layers, the oldest layers are at the bottom and the youngest are at the top

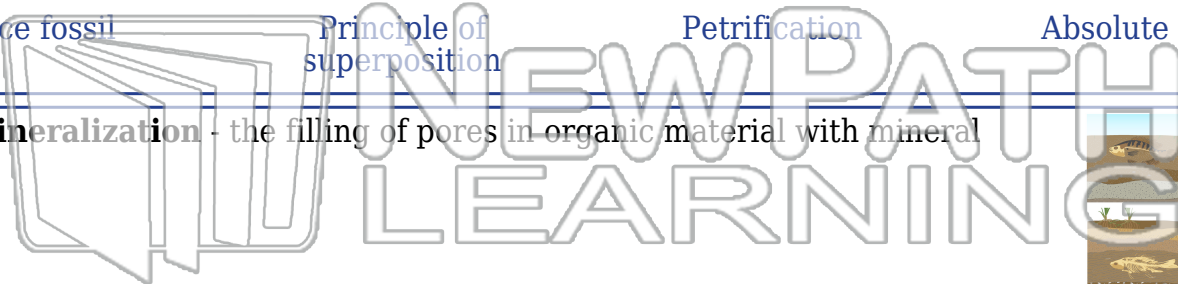
4. **relative time** - the description of geologic time using relative ages (that is, years from the present time)

5. **trace fossil** - a mark or impression left by an organism in sediment (for example, a footprint or track)

6. **uniformitarianism** - the theory proposed by James Hutton (1795) that geologic episodes we see today were also active in the past, and that slow, regular change combines over millions of years to create the major geologic features of the Earth; it can be summarized by the phrase, "the present is the key to the past"

7. **absolute time** - the description of geologic time using absolute ages (that is, years from the present time)

8. **cast and mold** - a process of fossilization by which an organism leaves an impression of its form in sediment (the mold), which is later filled by more sediment (the cast), preserving the form of the organism



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

lithology	topsoil with humus
lithology	subsoil
lithology	weathered rock
lithology	unaltered rock

Ma	0.01
Ma	85.0
Ma	248
Ma	248
Ma	543
Ma	2400

