
Geologist: _____

Key

Date: _____

HR: _____

Fossils Scavenger Hunt - Student Answer Sheet

Location	Solution
#1	younger
#2	495 - 545 mya
#3	Absolute, or <u>numerical dating</u> give rocks & fossils actual age in number of years; <u>relative dating</u> only puts geologic events in time order.
#4	Sedimentary rocks can contain fossils because, unlike most igneous and metamorphic rocks, they form at temperatures and pressure that do not destroy fossil remains.
#5	Law of superposition: youngest layers are on top and the oldest layers are on the bottom
#6	<u>Answers will vary</u> The earth is constantly changing !!! Some examples { * earthquakes can split the ground in a few seconds * lava from a volcanic eruption can spread over the side in minutes * Plate tectonics shift the continents, raise mountains move ocean floor * climate changes * human impact (+ & -)

over →

#7	<u>E</u> <u>D</u> <u>A</u> <u>B</u> <u>C</u>
#8	<u>Younger</u> because L has not cut through layers E or F!
#9	1 ≙ 8 2 ≙ 9 3 ≙ 10 4 ≙ 7
#10	6 7 1 ≙ 8 3 ≙ 10 4 5