

Name: _____

Almaseera School

Grade 8

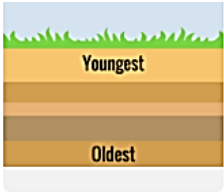
Science- quiz 1



مؤسسة الإمارات
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ESTABLISHMENT

10

Show your calculations:

1	<p>What is the idea that geologic processes are occurring now are the same as those that occurred in the past?</p> <ul style="list-style-type: none"><input type="radio"/> Unconformities<input type="radio"/> Uniformitarianism<input type="radio"/> Epicism
2	<div></div> <p>What geologic principle(or law) is best displayed here?</p> <div><p>This is the actual age of something.</p><ul style="list-style-type: none"><input type="radio"/> absolute age<input type="radio"/> relative age<input type="radio"/> superposition<input type="radio"/> uniform</div> <ul style="list-style-type: none"><input type="radio"/> Superposition<input type="radio"/> Original horizontality<input type="radio"/> Cross-cutting relationships<input type="radio"/> Inclusions
3	<p>Determining the order of events and the relative age of rocks by examining the position of rocks in a sequence is called ____.</p> <ul style="list-style-type: none"><input type="radio"/> absolute age dating<input type="radio"/> radiometric dating<input type="radio"/> relative age dating
4	<p>Simple fossils are found in younger rock layers while complex fossils are found in the oldest layers.</p> <ul style="list-style-type: none">- True- False

5 According to scientists, the Earth is approximately this many years old.

- ☐ 4.6 billion
- ☐ 13.7 billion
- ☐ 7.0 billion
- ☐ 5.0 billion

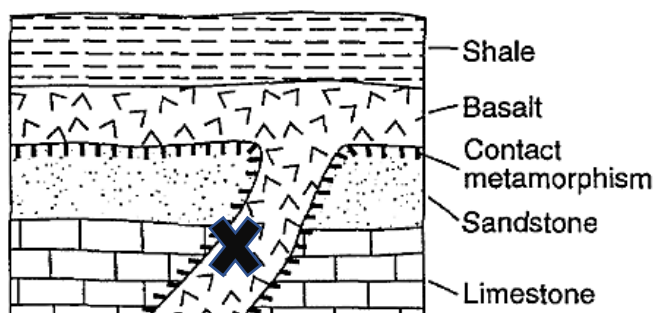
6 What is a mass extinction?

- ☐ the extinction of all of Earth's species at ones time
- ☐ the extinction of many types of organisms at the same time
- ☐ the end of days
- ☐ the creation of many species at one time

7 The oldest rock layer in an undisturbed rock sequence occurs ____.

- ☐ at the bottom of the sequence
- ☐ below the sedimentary rock layer
- ☐ below the unconformity
- ☐ at the top of the sequence

10) Which statement correctly describes an age relationship in the geologic cross section below?



- A** The shale is younger than the basalt.
- B** The limestone is younger than the basalt.
- C** The limestone is younger than the shale.
- D** The sandstone is younger than the basalt.

write the name of the principle of relative age dating which represented by (x) in the previous chart

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