Bill Nye the Science Guy: "Rocks and Soil"

Read the following questions BEFORE the videos are played. All of the questions are in order of the videos, so pay attention! Answer the questions as you watch the videos…don’t wait until they’re all over.

PART #1

1. All of the rocks in the world used to be _______________ rock called molten rock.

2. The pits in the rock were formed by __________________________ in liquid rock that came out of a volcano.

3. When rocks come out of the volcano onto the earth, they can PUSH/PULL the older rocks.

4. Soil comes from ___________ which comes from ________________________.

5. What are the 3 types of rocks? _____________________________, ___________________________ and ___________________________

PART #2

6. Every rock you see used to be THE SAME/DIFFERENT.

7. Rocks are always changing, and are part of something we call the _________________.

8. The reason why we have volcanoes is because there are plates of rock called ______________ plates, and they are always moving.

9. The rock cycle has been going on for ________________ and __________________ of years.

10. Name 3 ways rocks can be broken down: ____________________________, __________________________ and __________________________

11. Does soil have layers? YES/NO

12. As you go through the different layers, the color of soil becomes LIGHTER/DARKER

PART #3

13. Diamond is the __________________ substance known to man, and only __________________ will cut diamond.

14. The only difference between coal and a diamond are ________________ of years and ________________ of pressure.

15. Both coal and diamond are made of _______________________.
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1. all of the rocks in the world used to be ____________ rock called molten rock.

2. the pits in the rock were formed by ____________ in liquid rock that came out of a volcano.

3. when rocks come out of the volcano onto the earth, they can ____________ the older rocks.

4. soil comes from ____________ which comes from ____________.

5. what are the 3 types of rocks? ____________, ____________ and ____________

part #2

6. every rock you see used to be the same/different.

7. rocks are always changing, and are part of something we call the ____________.

8. the reason why we have volcanoes is because there are plates of rock called ____________ plates, and they are always moving.

9. the rock cycle has been going on for ____________ and ____________ of years.

10. name 3 ways rocks can be broken down: ____________, ____________ and ____________

11. does soil have layers? yes/no

12. as you go through the different layers, the color of soil becomes lighter/darker

part #3

13. diamond is the ____________ substance known to man, and only ____________ will cut diamond.

14. the only difference between coal and a diamond are ____________ of years and ____________ of pressure.

15. both coal and diamond are made of ____________.