Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer the following questions:

1. Describe the process of weathering.

2. Water is added to a rock containing potassium feldspars. The product is a solid, and a solution. What type of reaction occurs?

Given this reaction type, complete the equation below.

KAlSi3O8 + \_\_\_\_\_\_\_\_ 🡪 \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_

3. What is significant about the products of this reaction?

4. What questions do you have about soil so far?