Chemistry: Article – “Toothpaste”

Read the article, then complete the assignment below.

**Vocabulary:** Define or describe the following terms.

1. hydroxyapatite
2. demineralization
3. remineralization
4. abrasive compounds
5. fluorhydroxyapatite

**Questions:** Answer the following questions.

1. What is plaque and why is it bad for our teeth?
2. When does demineralization proceed faster than remineralization?
3. Name 7 ingredients that were in some Roman “toothpastes.”
4. List the 8 basic ingredients that are in toothpaste.
5. By what mechanism does fluoride reduce tooth decay?
6. Why do compounds such as potassium nitrate, sodium citrate, and strontium chloride counteract hypersensitivity?

**Apply:** Answer the questions below.

1. 