**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_**

**Chapter 5: Soil Homework**

1. **List the four major components of soil.**
2. **How does climate affect soil formation?**
3. **Describe the major characteristics of the A, B, and C horizons.**
4. **What factor has the greatest affect on soil formation?**
5. **True or False: the longer a soil has been forming, the thinner it becomes.**
6. **What are the three main types of soils and in what climates are they typically found?**
7. **What type of soil is most likely found in New Mexico?**
8. **What does the term “parent material” mean in referring to soil formation?**
9. **What soil texture best supports plant life?**
10. **A gardener notices that rain showers usually produce long-lasting puddles in her garden. Is it more likely that the soil contains too much sand or too much clay? Explain.**

***Use the chart below to answer questions 11&12***

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**X**

1. **The name given to soil that contains 60% clay, 20% silt, and 20% sand is:**
2. **What are the percentages of clay, slit, and sand in the soil at the point labeled X?**