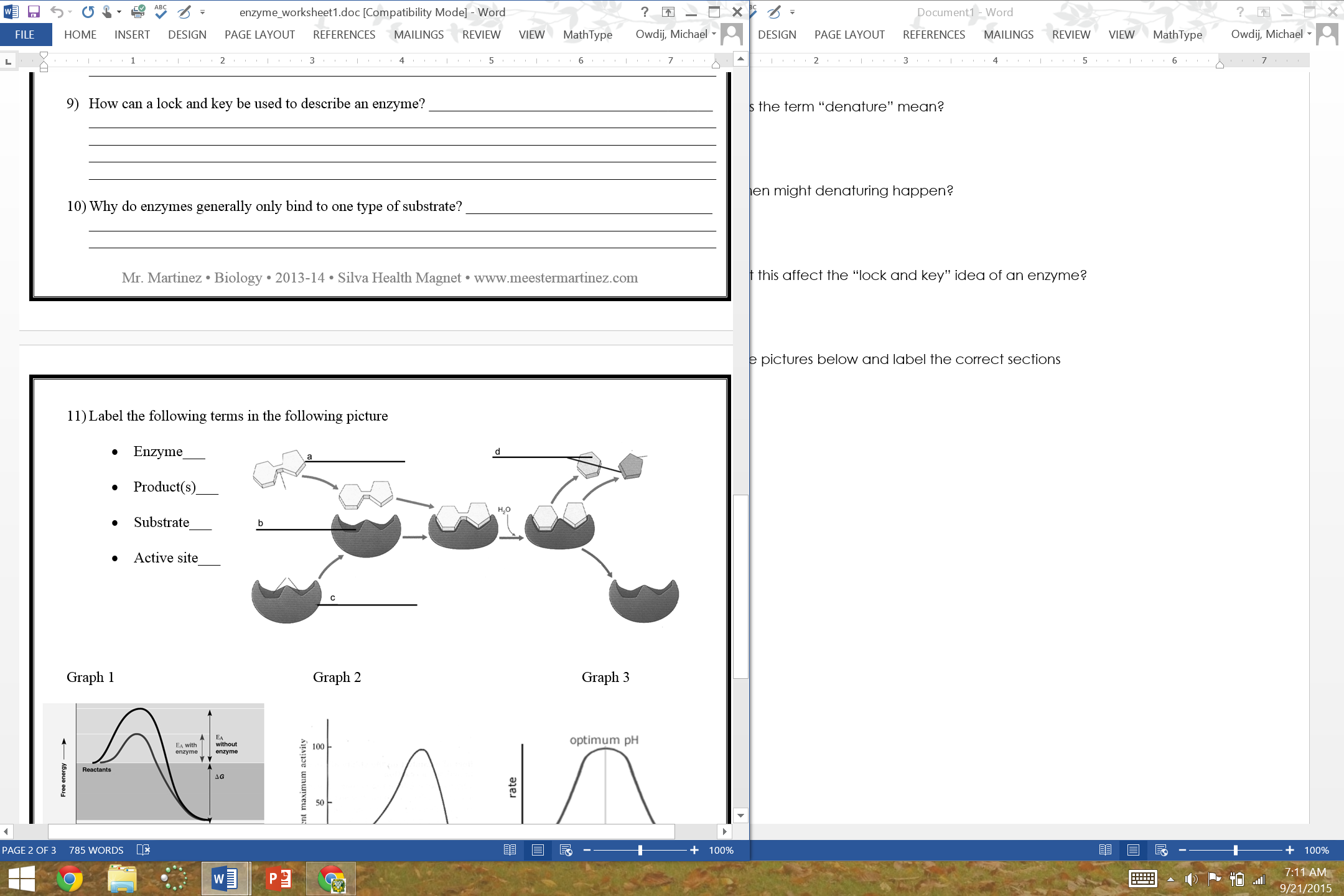
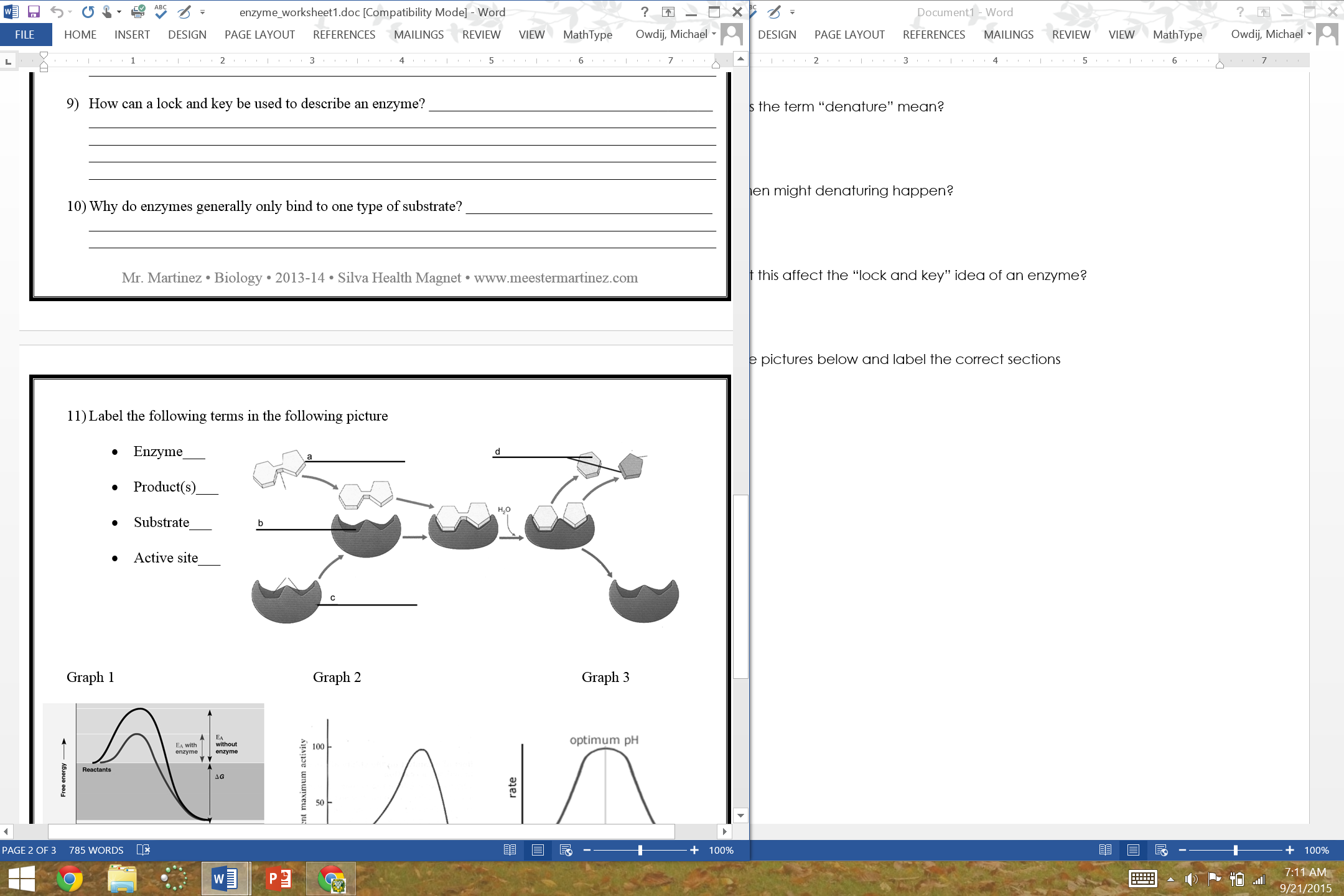
1. What is a catalyst?

**WS: Enzymes**

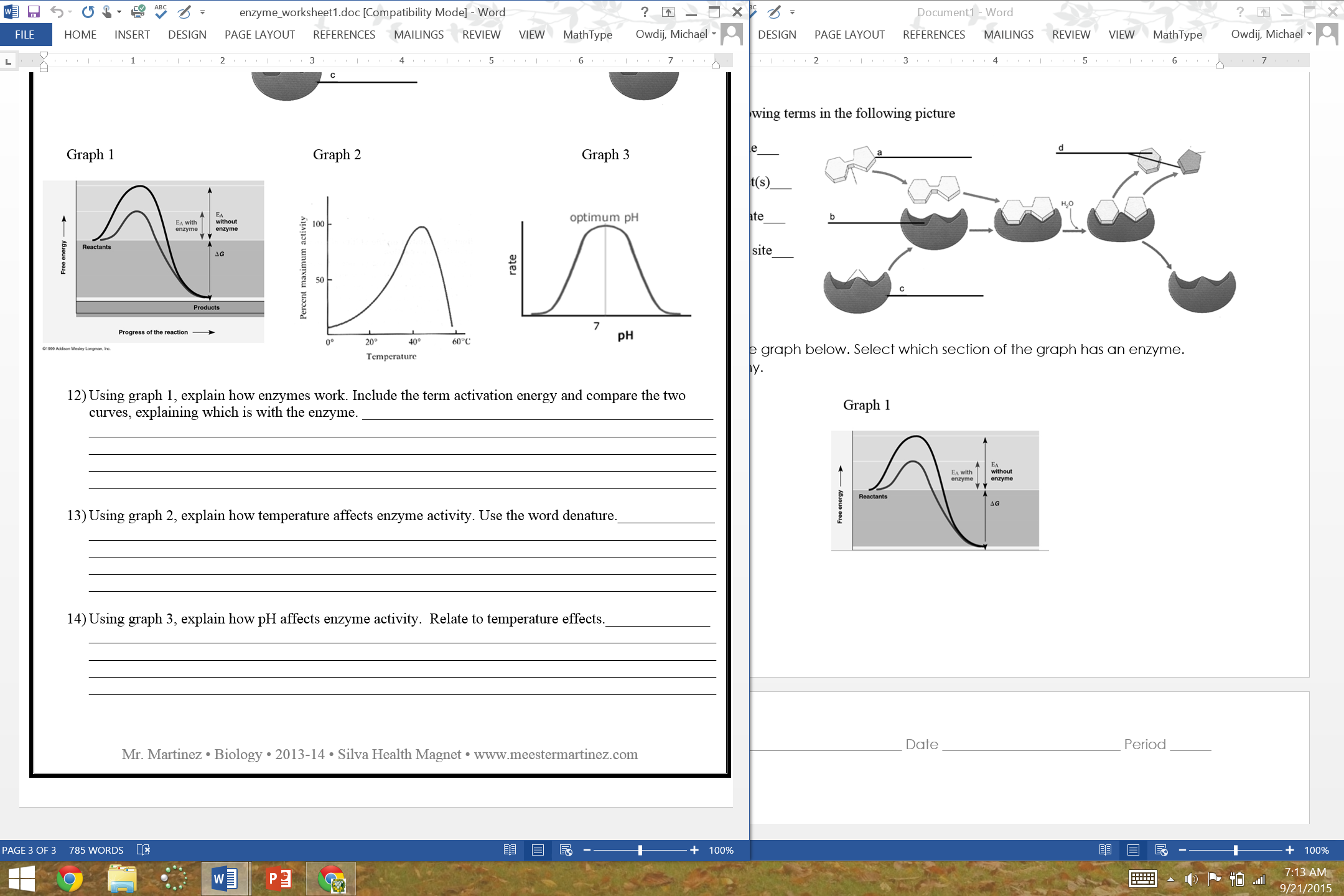
1. What is an enzyme?
2. How are a catalyst and enzyme different?
3. What is a substrate?
4. What is an active site?
5. What is a product?
6. Using the space below draw how an enzyme works. Use chemical models.
7. What does the term “denature” mean?
8. How or when might denaturing happen?
9. How might this affect the “lock and key” idea of an enzyme?
10. Look at the pictures below and label the correct sections



1. Look at the graph below. Select which section of the graph has an enzyme. Explain why.



1. Look at the graph below. Explain how temperature affects this enzyme.



1. Look at the graph below. Explain how pH affects this enzyme.

