1. With what you have learned about the cell cycle, explain why each stage is important for the next. Please be detailed with your answer, and use words that are specific to this unit.
2. With what you have learned about cancer, why is it such a tough disease to cure? Explain what metastasis is, and why it causes cancer to become lethal. Please use words that are specific to cancer, and what you were able to learn from the animation.
3. With what you have learned about DNA, please explain why DNA is able to replicate itself so well, and why mutations that lead to things like cancer are not too common. Please include at least three things that DNA does to ensure a correct replication, and split when the time comes to create two new cells.