Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Respond to each question as completely as possible in multiple paragraphs on lined paper.

*A. Explain how light behaves as a particle. Use labeled diagrams or written explanation.*

*B. Explain how light behaves as a wave. Use labeled diagrams or written explanation.*

*C. Using at least 3 pieces of evidence from our class activities, explain how mystery plays a role in the pursuit of scientific knowledge.*