



Solar Eclipse Lab

Name:

Period:

Date:

Answer the following questions using the keywords/science words that you have learned from doing research for your mind maps. Write in complete sentences like a scientist would.

1. What do you notice about the shadows that have been cast from your “sun”?
2. Which shadow represents the umbra? Which shadow represents the penumbra?
3. How did your team create a partial eclipse? Explain using complete sentences.
4. How did your team create a total eclipse? Explain using complete sentences.
5. In your Science Journal, Draw a total eclipse that includes the approx. scaled diameter & distance & shadows. Label each part.