Name Date Class Partner  
 **Mentos Explanation Claims and Evidence**

Directions: Watch the video at this link: <https://www.youtube.com/watch?v=1QBMBCbnhJ4>

Then answer the questions about Mentos explosions below.   
\* For more information go to the *Mentos post lab reading* document on the ESL Chem/Phys website.  
  
  
1) According to the Mythbusters TV show, what causes the Mentos and Diet coke to explode?  
  
  
  
  
2) Why does the person who made this video believe the Mythbusters are wrong? Give a specific example.

3) Whose explanation do you believe? Why?  
  
  
  
  
4) Now that you know what causes the explosion, how would you change your Mentos experiment? What materials would you use? How much of each would you use? Why?