**Name:**

**Air Bag Extra Credit**

* Go to the following webpage:

<http://www.ck12.org/chemistry/Ideal-Gas-Law/rwa/Saved-by-an-Air-Bag/>

* Read all information given to you about air bags and be sure to watch the You Tube video on the page titled “I Didn’t Know That - Air Bags”
* Click on the links below the video. These will help you answer the following five questions. Write your answers directly under each question. Be as detailed as possible.

1.)When is an airbag sensor activated?

2.)Why wasn’t compressed air ever used in an airbag system?

3.)What ignites the gas-generating material?

4.)What is the maximum pressure in an airbag?

5.)How long does it take to fill an airbag?