

# Gas Station Ripoff



ESSENTIAL QUESTION:

WHICH OF THESE GAS PUMPS ARE TRYING TO RIP YOU OFF?

## Act I

Watch the [video](#)

## Act II

**Which of these gas pumps is trying to rip you off?**

1. What is a guess that you know is too low. Why?
  
2. What is a guess that you know it too high. Why?
  
3. What's your best guess? Show why you think so.
4. Use <https://www.desmos.com/> to plot data for each pump. (You can log in with your google account)
  - a. What does the graphed data reveal about the trends?

## Act III

5. Click on the [link](#) to see what the Desmos graph should look like. Is it similar to yours?
  
6. Answer - [Rip off Reveal](#)  
How close were you? If you weren't close, find your misunderstanding.