

1. What does the prefix “di-” mean? What does the prefix “mon-” or “mono-” mean?
2. How many hydrogen atoms are in “dihydrogen”? Write “H₂” in the space below.
3. How many oxygen atoms are in “monoxide”? Write “O” after “H₂” in the space above.
4. For what molecule have you just written the formula?
5. The Ban Dihydrogen Monoxide hoax is designed to get you to believe that a scientific-sounding chemical is harmful by using misleading terms and stats. It does not make clear what the chemical really is—ordinary water. Whether or not you were fooled by this hoax, rank the following factors from 1 to 5 that influenced you (or you imagine would most influence someone) to believe the hoax, with 1 being the most influential and 5 being the least.
 - a. ____ My teacher recommended we explore the page.
 - b. ____ The website seemed professionally designed.
 - c. ____ The website used a lot of scientific language.
 - d. ____ The arguments were scientifically convincing.
 - e. ____ Everyone else was signing the petition.
6. What questions or concerns did you have while reading and signing?
7. The Bible urges us to seek truth and beware of deception (e.g., John 8:26 and 44, Acts 4:22, Acts 20:30, 1 Corinthians 13:6, 2 Corinthians 4:2). How does this apply to the ways in which we use online information about faith and science?