

Name:

An Inconvenient Truth Worksheet 2

Part A – to be completed by the person who watches the movie. (It would be easiest to fill out this form as you watch the movie.)

PRIOR TO WATCHING THE MOVIE, ANSWER QUESTION #1:

1. What is your current opinion about global warming? Do you believe it is a real problem or do you think it is a hoax (be honest!)?

Do you like, hate, or have no opinion of Al Gore?

Now, answer questions 2-10 while you are watching the movie.

2. Within _____ months of the first picture of Earth from space, the modern environmental movement was born.
3. The atmosphere is being _____ by pollution, namely _____ gases.
4. When the Northern Hemisphere is tilted toward the sun, as it is in the spring and summer, the leaves come out and breathe in _____ so the amount in the atmosphere goes _____.
5. Today's carbon dioxide concentration appears to be roughly _____ times as high as it has been in the past 650,000 years (based on the graph Mr. Gore displays on the screen).
6. Nuclear submarines can only surface in areas where the ice thickness is _____ feet or less.
7. Cold, dense water sinks at the rate of _____ gallons per second.
8. If Greenland broke up and melted, what neighboring county would be completely submerged according to the map Mr. Gore shows?
9. In 2005, the world population was _____ billion. In 2050, it is predicted to be _____ billion.
10. Philip Cooney was a lobbyist with the American Petroleum Institute for 6 years and was in charge of Global Warming Disinformation there until January 20, 2001, at which time the Bush Administration hired him to be the Chief of Staff for the White House _____ Office.

Part B – to be completed by the student.

11. Go to http://www.epa.gov/climatechange/emissions/ind_calculator.html and calculate Your Total Emissions. Write that number here: _____. Is it more or less than the US average?
12. If you decreased Your Total Emissions by 10%, what would your new emissions level be:
13. Look at your answer to #7. At that rate, how many gallons of cold water would sink in one minute?
14. What will YOU do in the coming year to decrease your emissions?
15. The average temperature on Earth is 15° Celsius. Use the formula $F = \frac{9}{5}C + 32$ to convert this to degrees Fahrenheit.