

Notes: The Hole in the Ozone Layer

name: _____

1. What are the components of solar radiation (a.k.a. sunlight)?

• _____ • _____ • _____

2. What is the “hole in the ozone layer”?

• _____

• _____

• _____

Next: 15-minute video – Notes to be continued tomorrow.

3. Ingredients for destruction of ozone (“ozone depletion”)

a. _____

b. _____

c. _____

d. _____

4. What were some of the major uses of CFC’s before they were banned?

• _____

• _____

• _____

• _____



5. Tell how each of the following contributes to the Hole in the Ozone Layer.

- Polar vortex? (June-Nov.) _____
- Ice crystals? _____
- Sunlight? (Sept.-June) _____
- CFCs? _____

6. What are some of the risks to humans from increased exposure to UV rays?

- _____
- _____
- _____
- _____

7. What are some of precautions people can take to reduce these risks?

- _____
 - _____
 - _____
- _____
- _____

8. Why is exposure to UV rays more of a concern in places like Helena, Butte, and Denver than it is in Billings and Seattle?

- _____

9. The _____ Protocol has been called the most successful treaty in _____ history.

Assignment: Go to **bengalfrosh.com** to access **Benson's site**. Select **Unit 2** and then click on the link to watch the short (2:21) YouTube video about the Hole in the Ozone Layer. Honors students also read text pages 463 and 465.