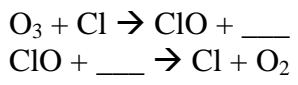
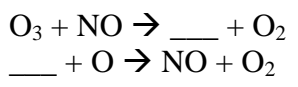


1. Fill in the blanks to balance the following chemical reactions and then write the net reactions:

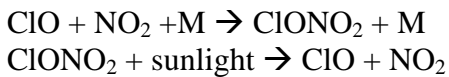


Net:



Net:

2. Describe how the reactions given below affect the ozone layer:



3. Using the equations given in parts 1 and 2, add arrows and chemical names to complete the figure below.



4. Explain why the Antarctic ozone hole forms during southern hemisphere Spring. Incorporate the following reactions in your explanation:

