

Name: _____

Blk: _____ Date: _____

CHEMISTRY 12
ACID RAIN WORKSHEET

READ pgs 186 - 188 in Hebden to answer the following questions:

1. What pH must rain have in order for it to be considered "acid rain"? What are the possible causes of this pH? (2 marks)

2. What is the normal pH for rain water ? What is responsible for this pH?
(2 marks)

3. Describe the sources of the following non-oxides: (4 marks)

SO₂ :

SO₃ :

NO :

NO₂ :

4. Describe the TWO natural ways that lakes are protected against acid rain.
(2 marks)

5. Explain TWO environmental problems associated with acid rain.
(2 marks)