

Name: \_\_\_\_\_

Read Sections 35.1 and 35.2 and create an illustrated dictionary of the Geoterms by completing the table below:



GeoTerm and Symbol	Definition
Biome	
Global warming	
Greenhouse effect	
Ice shelf	

**3 The Theory of Global Warming (read pp. 506-507)**

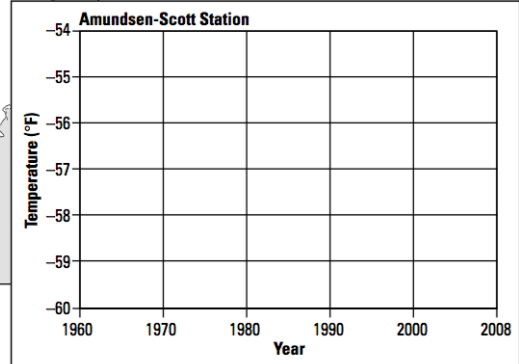
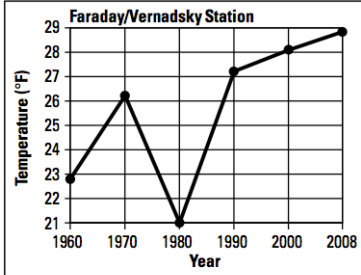
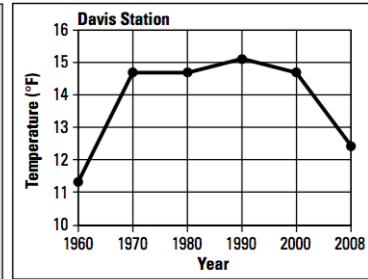
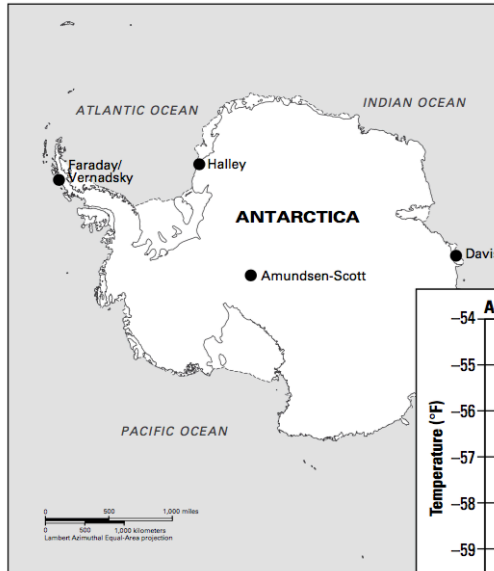
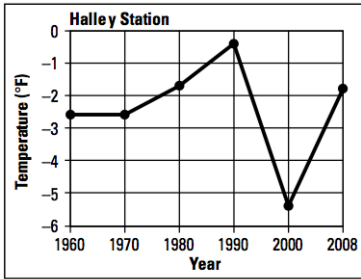
What three key ideas is the theory of global warming based on?

- 1.
- 2.
- 3.



In the first column of the table, list a reason a supporter would use for each of the three key ideas of the global warming theory. In the second column, list a reason a doubter would use for each of the three key ideas.

 <b>Geographer Who Supports the Theory of Global Warming would argue...</b>	 <b>Geographer Who Doubts the Theory of Global Warming would argue...</b>

COMPLETE the temperature graph for Amundsen-Scott Station and then complete the table below using info from the other stations.



Source: British Antarctic Survey; Natural Environment Resource Council.

 <b>Geographer Who Supports the Theory of Global Warming would argue...</b>	 <b>Geographer Who Doubts the Theory of Global Warming would argue...</b>
<b>Amundsen-Scott Station – Temperatures (see data above) (read section 35.6, p. 508)</b>	
<i>Which is more convincing (supporter, doubter, or both) and why?</i>	
<b>Rothera Station–Percentage of ice lost between Jan. 31 and March 5, 2002: about 36% (read section 35.7, p.508)</b>	
<i>Which is more convincing (supporter, doubter, or both) and why?</i>	
<b>Palmer Station – Percentage change in number of breeding penguin pairs: –70% (read section 35.8, p. 509)</b>	
<i>Which is more convincing (supporter, doubter, or both) and why?</i>	