

Name \_\_\_\_\_



## Climate Contrast

**Directions:** Use the prompts to compare the cold Southern Ocean with a warm ocean of your choice, such as the Pacific Ocean or the Indian Ocean. Write your answers in complete sentences.

1. **Temperature:** Describe the temperature of the Southern Ocean. Describe the temperature of the warm ocean you chose. How are these temperatures different?
2. **Weather Conditions:** Explain what the weather is like in the Southern Ocean. Explain what the weather is like in the warm ocean region you selected. What is one major difference between the two climates?
3. **Water Characteristics:** Describe how the water of the Southern Ocean feels and looks. Describe how the water of the warm ocean feels and looks. How do these water conditions compare?
4. **Wildlife Adaptations:** Name one animal that lives in the Southern Ocean and how it survives the cold. Name one animal from the warm ocean and how it survives the heat. What does this tell you about how animals adapt to climate?
5. **Human Activity:** Explain how people use or explore the Southern Ocean. Explain how people use or enjoy the warm ocean you chose. How do climate differences influence human activity in each place?