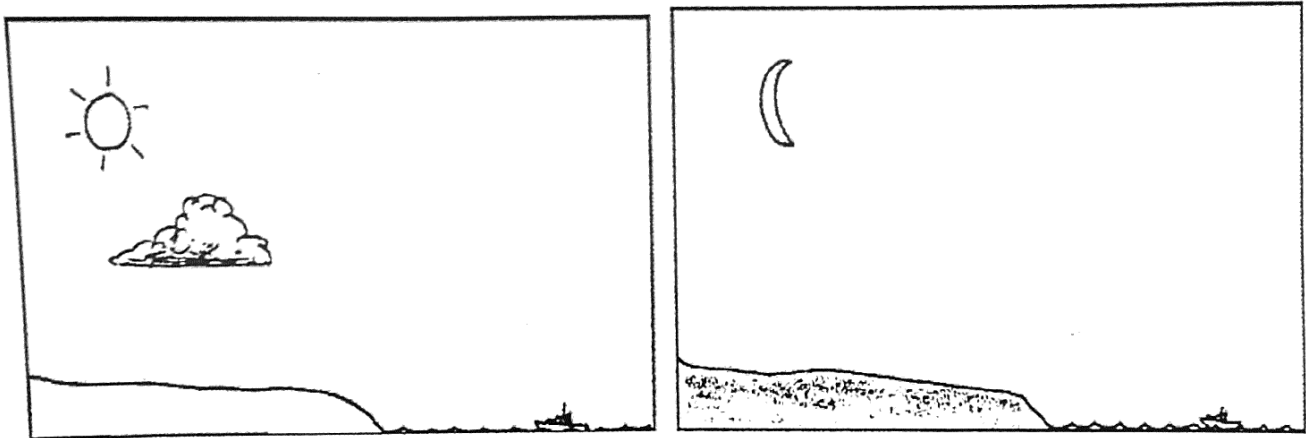


NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### Local Land and Sea Breezes

**Directions:** Using the diagrams below, draw in the movement of wind using arrows to show land breezes and sea breezes. Additionally, label where there are areas of high pressure and areas of low pressure. Lastly answer the questions that follow.



1. In the diagrams, what are the circular motions of air called?

Answer: \_\_\_\_\_

2. What causes these circular motions of air to occur?

Answer: \_\_\_\_\_

3. Why is the warmer air rising while the colder air is sinking?

Answer: \_\_\_\_\_

4. Why is the land significantly warmer in the daytime when compared to the ocean?

Answer: \_\_\_\_\_

5. Why is the land significantly cooler at night when compared to the ocean?

Answer: \_\_\_\_\_

\_\_\_\_\_

6. During the daytime, would you face towards the land or the ocean to feel a breeze blowing on your face?

Answer: \_\_\_\_\_

7. Would this daytime breeze be warm or cool?

Answer: \_\_\_\_\_

8. Would you face towards the land or ocean to feel a breeze on your back at night?

Answer: \_\_\_\_\_

9. Would this nighttime breeze be warm or cool?

Answer: \_\_\_\_\_

10. Make a general statement concerning how large bodies of water affect the climate of nearby coastal communities.

Answer: \_\_\_\_\_

\_\_\_\_\_