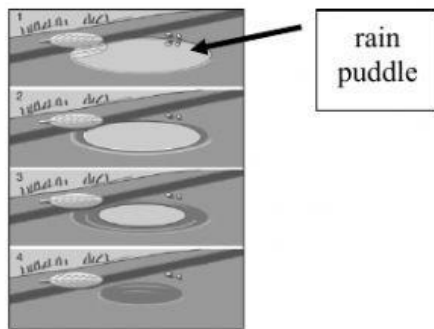


Name \_\_\_\_\_ Date \_\_\_\_\_

# Weather Revision Sheet

## Write the letter of the best choice.

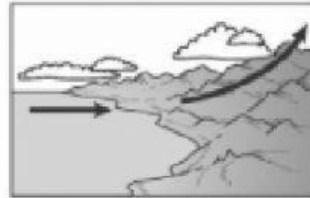
- ① Sally watches a rain puddle as she plays outside. The figure below shows how the puddle changes while Sally observes it during the day.



What process is Sally observing?

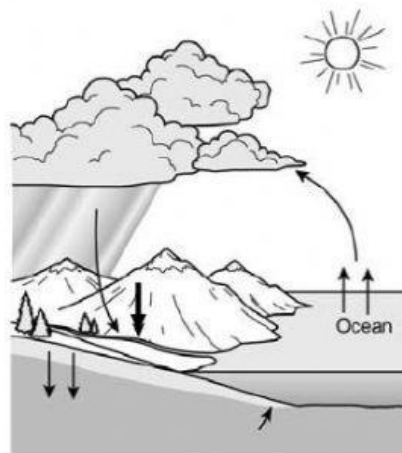
- Ⓐ condensation  
 Ⓑ evaporation  
 Ⓒ precipitation
- ② Sara wants to measure **wind speed and direction**. What are the two instruments that Sara will use?
- Ⓐ a wind vane and a thermometer  
 Ⓑ a wind vane and a barometer  
 Ⓒ a wind vane and an anemometer
- ③ Alex says, "The air feels very **dry** today." Which of the following weather factors is he describing?
- Ⓐ air pressure  
 Ⓑ humidity  
 Ⓒ precipitation

- ④ This diagram shows the pattern of air movement in a coastal area.



which type of wind is shown in the diagram?

- Ⓐ Sea breeze  
 Ⓑ Land breeze  
 Ⓒ Valley breeze
- ⑤ Omar draws the following diagram of the water cycle.



What should he label the process of water moving down the side of the mountain?

- Ⓐ condensation      Ⓒ runoff  
 Ⓑ evaporation

Name \_\_\_\_\_ Date \_\_\_\_\_

- 6 Celine is studying the water cycle. She knows that for evaporation to happen there needs to be heat. What is the **main** source of heat that gives energy to the water cycle?

(A) sun  
(B) clouds  
(C) oceans

- 7 The table below shows temperature data collected in four locations in the United States on January 1. Each location had precipitation during the period of low temperature.

Location	Low temperature (°C)
A	11
B	6
C	31
D	below zero

Which location **most likely** experienced precipitation in the form of **snow**?

(A) A  
(B) B  
(C) D

- 8 Lara notices gray, low clouds moving in to cover much of the sky. Which kind of cloud is she observing?

(A) stratus  
(B) cirrus  
(C) cumulus

- 9 In which of the following places would the air pressure be **highest**?

(A) in a cloud  
(B) on a hilltop  
(C) at the bottom of a valley

- 10 Rana measured the temperature and humidity every afternoon for 4 days. She recorded the results in the following table.

Day	Temperature (°C)	Humidity (%)
Monday	28	90
Tuesday	27	79
Wednesday	23	70
Thursday	28	69

Which day could Rana conclude was the hottest and most humid?

(A) Monday  
(B) Tuesday  
(C) Wednesday

Name \_\_\_\_\_ Date \_\_\_\_\_

**Answer the following questions in complete sentences.**

- 11 Explain the role of the sun in the water cycle.
- 12 Explain how clouds are formed in the atmosphere.
- 13 List three weather tools and mention what each tool measures.
- 14 Explain what are floods and droughts. Explain what effect each has on crops.