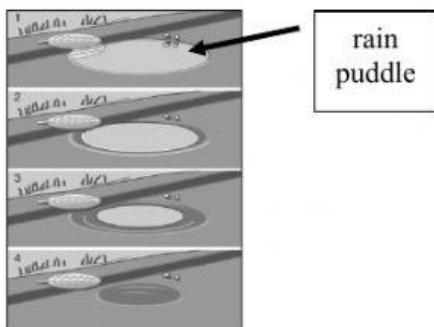


Weather Revision Sheet

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?

- (A) condensation
- (B) evaporation
- (C) precipitation

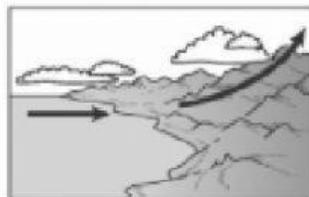
2 Sara wants to measure **wind speed and direction**. What are the two instruments that Sara will use?

- (A) a wind vane and a thermometer
- (B) a wind vane and a barometer
- (C) a wind vane and an anemometer

3 Alex says, “The air feels very **dry** today.” Which of the following weather factors is he describing?

- (A) air pressure
- (B) humidity
- (C) precipitation

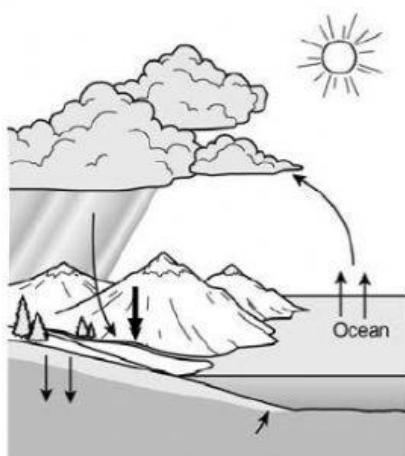
4 This diagram shows the pattern of air movement in a coastal area.



which type of wind is shown in the diagram?

- (A) Sea breeze
- (B) Land breeze
- (C) 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?**

- (A) condensation
- (B) evaporation
- (C) runoff

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.