

## Precipitation

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**State whether the following statement is true or false.**

1. Human activities can create precipitation.

- True  
 False

**Choose the correct answer.**

2. \_\_\_\_\_ is only formed when there is moisture in the atmosphere and temperatures are at or below freezing (0°C/32°F).

- Snow  
 Rain

3. What is the difference between sleet and freezing rain?

- Freezing rain only happens in the winter when temperatures are coldest, while sleet can happen any time of year.  
 Freezing rain happens when the air isn't cold enough to freeze the water before it hits the ground, while sleet is rain that does freeze before it reaches the ground.

4. The place where two air masses with different temperatures meet is known as the \_\_\_\_\_.

- front  
 back

5. What is the shape of a raindrop?

- Teardrop
- Sphere
- Hexagon

6. What term is used to describe when water changes from a liquid to a gas?

- Warm-up
- Condensation
- Evaporation
- Rising

**State whether the following statement is true or false.**

7. About one million drops of rain make up a droplet.

- True
- False

**Choose the correct answer.**

8. Snow is \_\_\_\_\_ because it reflects light.

- white
- wet
- cold

9. Look at the following photo. Would you be likely to see a rainbow in the sky there?



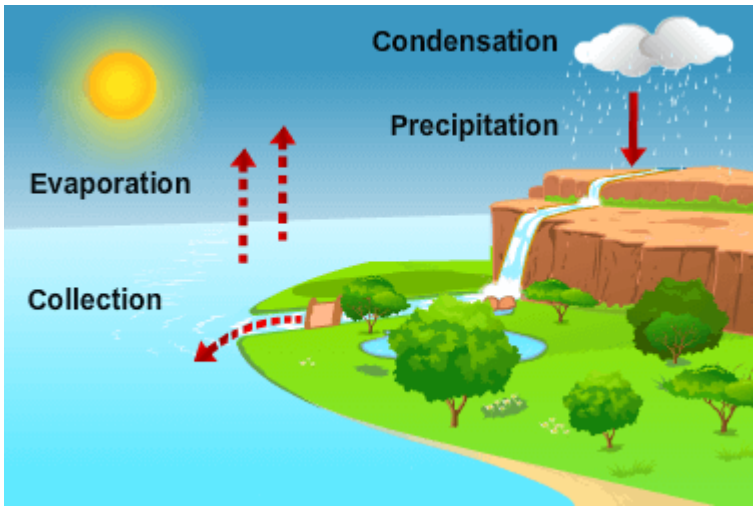
- No, because there are lots of plants growing, and that would be the wrong time of year to see a rainbow.
- Yes, because in order to see a rainbow, there has to be sunlight and rain.

**State whether the following statement is true or false.**

10. A drought happens when an area gets much less rain than normal for a long period of time.

- True
- False

11. The three main steps of the water cycle are evaporation, atmosphere, and precipitation.



- True
- False

**Choose the correct answer.**

12. The most common type of precipitation is \_\_\_\_\_.

- rain
- hail
- fog

13. Evaporation, condensation, and precipitation are the three main parts of the water cycle. One part of the process that is sometimes called the fourth step is \_\_\_\_\_.

- Accumulation (or Collection)
- Action
- Solution

14. Snow can take many forms, such as needles, prisms, and the traditional star-shaped dendrite snowflakes. How many sides do most forms of snow have?

- 5
- 6
- 8

**State whether the following statement is true or false.**

15. An ice storm is a winter storm that is caused by freezing rain.



- True
- False