

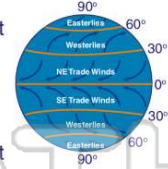


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

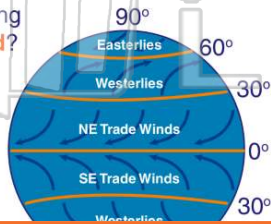
- 1 Which of the following accurately describes the **difference** between **cumulus** clouds and **cirrus** clouds?
- A Cumulus clouds are made of ice crystals; cirrus clouds are made of drops of water.
  - B Cumulus clouds form at high altitudes; cirrus clouds form at low altitudes.
  - C Cumulus clouds are made of water droplets; cirrus clouds are made of ice crystals.
  - D Cirrus clouds are cumulus clouds that are so full of water they will produce a thunderstorm.

- 2 **Wind** is air in motion. Winds can be local, meaning that they formed and moved over a relatively short distance. There are also **global winds** that move over large portions of the earth. **In the Northern Hemisphere, the westerly winds blow \_\_\_\_\_.**

- A from the east to the west
- B from the northeast to the southwest
- C from the southwest to the northeast
- D from the west to the east

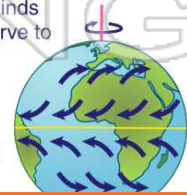


- 3 Which of the following is **not** a **global wind**?
- A trade winds
  - B westerlies
  - C polar easterlies
  - D jet streams



- 4 The global winds in the Northern Hemisphere curve to the right. The global winds in the Southern Hemisphere curve to the left. **Why do global winds curve rather than travel in a straight line?**

- A because the earth is curved
- B because of the jet stream



## PREVIEW

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- 7
- A low because cold air rises
  - B low because cold air sinks
  - C high because cold air rises
  - D high because cold air sinks

- A low because warm air rises
- B low because warm air sinks
- C high because warm air rises
- D high because warm air sinks

- 9 **High pressure** systems are associated with \_\_\_\_\_.
- A thunderstorms
  - B hurricanes
  - C fair weather
  - D hail



- 10 **Snow, sleet, rain,** and **hail** are different forms of \_\_\_\_\_.

- A weather
- B clouds
- C air masses
- D precipitation





## ANSWER KEY

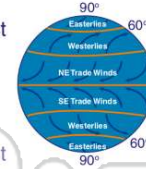
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(C)

**Wind** is air in motion. Winds can be local, meaning that they formed and moved over a relatively short distance. There are also **global winds** that move over large portions of the earth. **In the Northern Hemisphere, the westerly winds blow** \_\_\_\_\_.

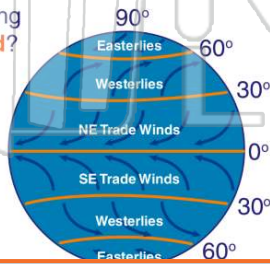
- A from the east to the west
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(C)

Which of the following is **not** a **global wind**?

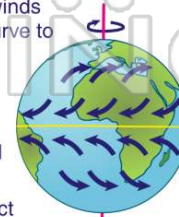
- A trade winds
- B westerlies
- C polar easterlies
- D jet streams



(d)

The global winds in the Northern Hemisphere curve to the right. The global winds in the Southern Hemisphere curve to the left. **Why do global winds curve rather than travel in a straight line?**

- A because the earth is curved
- B because of the jet stream
- C because of the Coriolis effect



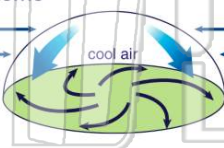
(C)



## PREVIEW

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- B low because cold air sinks
- C high because cold air rises
- D high because cold air sinks



**High pressure** systems are associated with \_\_\_\_\_.

- A thunderstorms
- B hurricanes
- C fair weather
- D hail

(C)

- B low because warm air sinks
- C high because warm air rises
- D high because warm air sinks

**Snow, sleet, rain,** and **hail** are different forms of \_\_\_\_\_.

- A weather
- B clouds
- C air masses
- D precipitation



(d)