

Name _____

Why Do Storms and Clouds Only Happen in the Troposphere?

Multiple Choice Questions

1. What is the troposphere?
 - A. A type of cloud
 - B. The top layer of the sky
 - C. The lowest layer of Earth's atmosphere
 - D. Where satellites orbit

2. Why does most weather happen in the troposphere?
 - A. It is the warmest layer
 - B. It has most of the water vapor
 - C. It is far from the ground
 - D. It holds no air

3. What helps form clouds in the troposphere?
 - A. Water vapor cooling and turning into droplets
 - B. Air getting warmer
 - C. The sun shining all day
 - D. Ice melting

4. Why don't storms happen in the stratosphere?
 - A. It's always sunny there
 - B. There is no air
 - C. Planes don't allow it
 - D. There's not enough water vapor

5. What is the role of the tropopause?
 - A. It creates tornadoes
 - B. It helps make rain
 - C. It keeps weather inside the troposphere
 - D. It lets air escape into space

