

Name: _____

Air Masses, Climate, and Weather-Answer Key

1. Mars sits on a tilt in comparison to the Sun just like Earth. As a result, different parts of the planet are heated at different times.
2. Temperature
3. Air masses are large bundles of air in the atmosphere.
4. There can be a change in weather if air masses with different temperature and humidity interact.
5. John should not pay for the medical bills because there was a sudden downpour Friday night. On Friday night, a cold air mass moved into the area and hit the hot and humid air mass that was over the area. When the cold air slams into the hot humid air, the hot humid air rises really fast. As the hot humid air rises, it quickly turns into storm clouds which can cause sudden down pours. By morning, the cold air mass had pushed the hot and humid air mass out of the area. The cold air mass resulted in bright, sunny skies.