



Understanding Weather

Name _____ Class _____ Date _____

1 Fill in the blank.

As **water evaporates** from oceans, lakes and rivers, the water vapor is held in the air. The **amount of water vapor in the air** is called _____.



6 Fill in the blank.

When an air mass is **completely saturated**, it has a **relative humidity** of **100%**. At this point, water vapor comes out of the air mass as rain, dew or snow. The **temperature** at which air is cool enough to be completely saturated is called the _____.

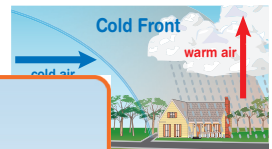
2 Clouds form when minute droplets of water or ice crystals accumulate in the atmosphere. **Puffy white clouds** that form when **warm air rises** are called _____.

Circle the answer letter.



7 When a mass of **cold air** moves into a region, the **air pressure** is _____.

a. low because cold air sinks

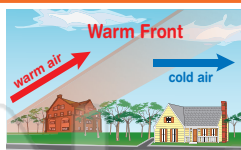


PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

4 **Warm fronts** creates _____ **air pressure**.

lower higher no



would be influenced most by which **air mass**? Name it.

| | |
|---|-------------|
| m | maritime |
| c | continental |
| P | polar |
| T | tropical |

5 **Thin clouds** that are composed of ice crystals and form at **very high altitudes** in the atmosphere are called _____.

- a. cumulonimbus clouds
- b. stratus clouds
- c. cirrus clouds



10 The **type of precipitation** that falls to Earth's surface depends on _____.

- temperature
- cloud type
- air pressure
- wind speed





Understanding Weather - Answer Key

Name _____ Class _____ Date _____

1 Fill in the blank.

As **water evaporates** from oceans, lakes and rivers, the water vapor is held in the air. The **amount of water vapor in the air** is called

humidity.



6 Fill in the blank.

When an air mass is **completely saturated**, it has a **relative humidity** of **100%**. At this point, water vapor comes out of the air mass as rain, dew or snow. The **temperature** at which air is cool enough to be completely saturated is called the dew point.

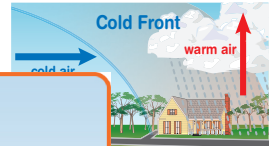
2 Clouds form when minute droplets of water or ice crystals accumulate in the atmosphere. **Puffy white clouds** that form when **warm air rises** are called _____.

Circle the answer letter.



7 When a mass of **cold air** moves into a region, the **air pressure** is _____.

a. low because cold air sinks



3 T g v C 3 24 g/m

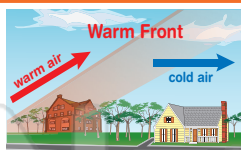
4 V ri a

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

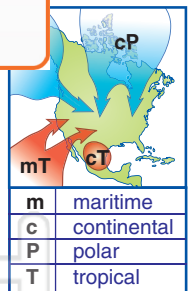
creates _____ **air pressure**.

lower higher no



would be influenced most by which **air mass**? Name it.

maritime tropical



5 **Thin clouds** that are composed of ice crystals and form at **very high altitudes** in the atmosphere are called _____.

- a. cumulonimbus clouds
- b. stratus clouds
- c. cirrus clouds



10 The **type of precipitation** that falls to Earth's surface depends on _____.

temperature cloud type
air pressure wind speed

