

Fill in the Blank

1. Cirrus clouds are composed primarily of _____.
2. Fog that forms as relatively warm air moves over a colder surface is called _____ fog.
3. The cooling of the ground to produce dew and frost is mainly the result of _____ cooling.
4. Clouds that appear as baglike sacks hanging from beneath a cloud are called _____.
5. A cloudlike stream seen forming behind a jet aircraft is called a(n) _____.
6. Another name for "water-seeking" condensation nuclei is _____.
7. Clouds with a lens shape that often form over and downwind of mountains are called _____.
8. Another name for a "luminous night cloud" is _____.
9. A cloud that sometimes resembles a silken scarf capping the top of a developing cumulus cloud is the _____.
10. _____ clouds form in the stratosphere and are also called mother-of-pearl clouds.

Multiple Choice

1. Ragged-looking clouds that drift rapidly with the wind, often beneath a nimbostratus cloud, are called:
 - a. nacreous
 - b. pileus
 - c. castellanus
 - d. scud
 - e. mammatus
2. Condensation nuclei are important in the atmosphere because:
 - a. they filter out sunlight
 - b. they are high energy particles that cool the air
 - c. they provide most of the minerals found in water
 - d. they help to dissipate smog
 - e. without them, condensation would not occur naturally in the atmosphere