## Question 1 3 / 3 pts What are the three basic ingredients needed for the formation of a thunderstorm ✓ □ unstable conditions □ rain ✓ □ a lifting force □ dry air ✓ □ high moisture levels

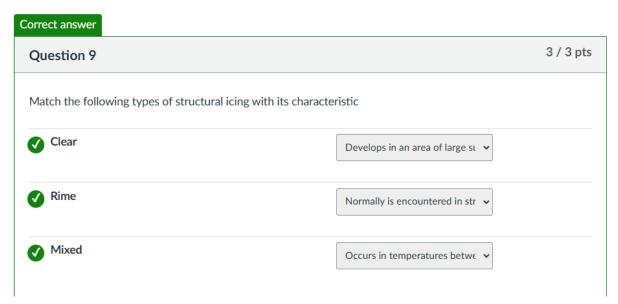
Select all that apply. What causes the thunderstorm's anvil to form. Also, what can it tell you about the thunderstorm's movement? Unstable air Moves in direction of anvil Moves in opposite direction of anvil Surface winds ✓ □ Upper-level winds Lifting force Correct answer 3 Question 3 What general procedures you should use when encountering turbulence in flight? Maintain level altitude Accept variations in altitude Speed up to avoid stalling Slow to maneuvering speed

🚺 🗵 Maintain level flight attitude

Correct answer
Question 4
True/False. Cumulus clouds indicate the presence of mechanical turbulence
○ True
✓ ◎ False
Correct answer  Question 5
Question 5
What is the most dangerous condition for landing with respect to wingtip vorticies
headwind
○ cross wind
<ul> <li>quartering headwind</li> </ul>
✓ ◎ light quartering tailwind

Que	stion 6
What	t technique should be used to avoid wake turbulence during takeoff behind a large aircraf
	Climb on the flight path of the preceding aircraft
<b>y</b> (	Climb above the flight path of the preceding aircraft
	Climb below the flight path of the preceding aircraft
	t answer stion 7
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<b>Que</b> What	stion 7
<b>Que</b> What	stion 7  t kind of turbulence is indicated by the presence of rotor, cap, and lenticular clouds?
Que What	t kind of turbulence is indicated by the presence of rotor, cap, and lenticular clouds?  thunderstorm





Clear - Develops in an area of large super cooled water droplets

Rime- Normally is encountered in stratus clouds

Mixed- Occurs in temperatures between -10 C. and -15 C.

## Correct answer

## Question 10

What is the recommended course of action if you inadvertently enter a volcanic ash cloud?



Reverse Course

- Ontinue straight ahead to exit on the opposite side
- Attempt to climb up and out of the cloud