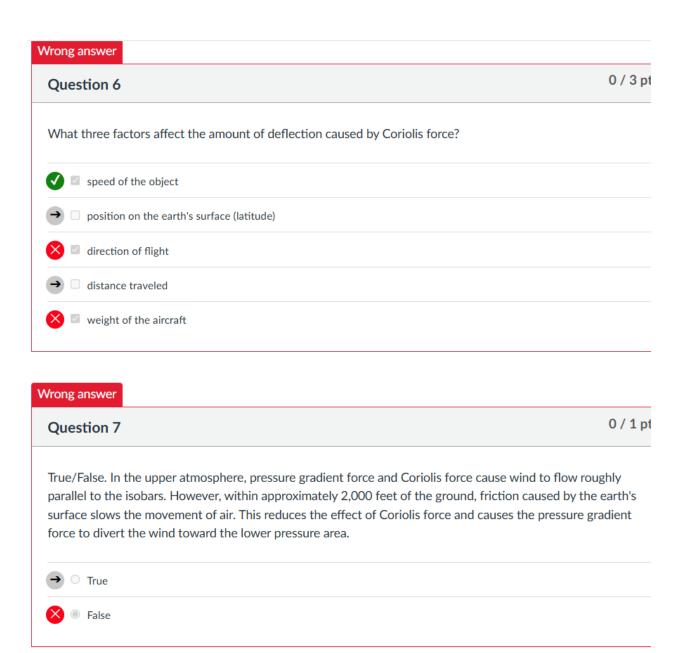
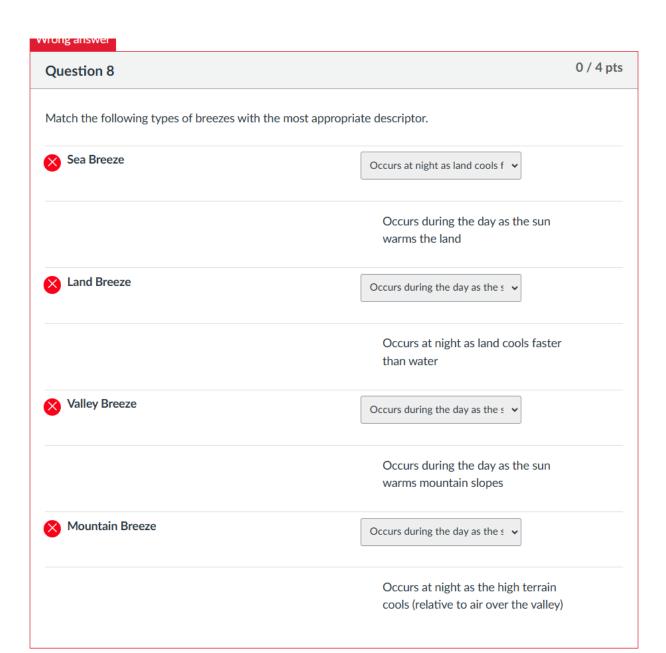
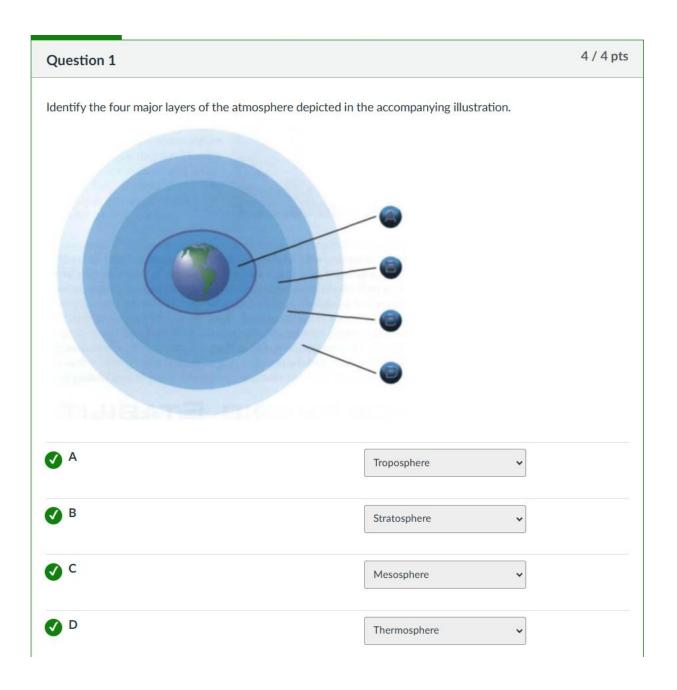


Wrong answer Question 2 Which layer of the atmosphere contains most of the Earth's weather? → Troposphere Thermosphere Mesosphere Stratosphere Wrong answer Question 3 Which of the following describe the atmospheric convection process? Cooler air becomes less dense Cooler air expands Heated air becomes more dense Heated air expands → ☐ Heated air becomes less dense

Question 4	
	ne unequal heating of the earth's surface is the primary cause of changing altimeter setti ther reporting points
→ ○ True	
_	
False	
False	
False Correct answer	
Correct answer Question 5	
Correct answer Question 5	

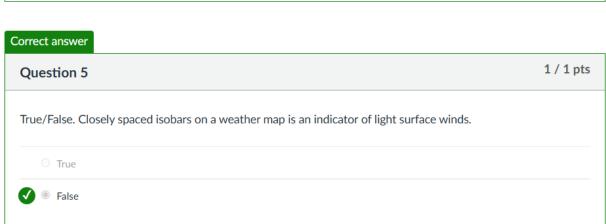






Correct answer	
Question 2	
Which layer of the atmosphere contains most of the Earth's weather?	
○ Thermosphere	
✓ ⊚ Troposphere	
○ Stratosphere	
O Mesosphere	
Correct answer Question 3	
Which of the following describe the atmospheric convection process?	
☐ Heated air becomes more dense	
□ Cooler air expands	
Cooler air becomes less dense	
✓ ☑ Heated air expands	
✓ ✓ Heated air becomes less dense	

Question 4 True/False. The unequal heating of the earth's surface is the primary cause of changing altimeter settings between weather reporting points True False



Question 6 3 / 3 pts What three factors affect the amount of deflection caused by Coriolis force? Speed of the object I distance traveled I position on the earth's surface (latitude) I direction of flight Weight of the aircraft

Correct answer

Question 7 1 / 1 pts

True/False. In the upper atmosphere, pressure gradient force and Coriolis force cause wind to flow roughly parallel to the isobars. However, within approximately 2,000 feet of the ground, friction caused by the earth's surface slows the movement of air. This reduces the effect of Coriolis force and causes the pressure gradient force to divert the wind toward the lower pressure area.



False

Correct answer Question 8 4 / 4 pts Match the following types of breezes with the most appropriate descriptor. ✓ Sea Breeze Occurs during the day as the s ✓ Land Breeze Occurs at night as land cools f ✓ Valley Breeze Occurs during the day as the s ✓ Cocurs during the day as the s ✓ Cocurs during the day as the s