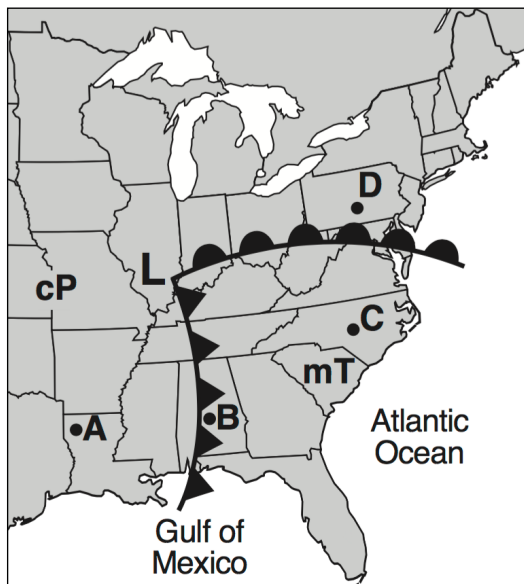


Name: _____

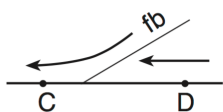
Date: _____ Period: _____

Supplemental: Air Masses and Fronts

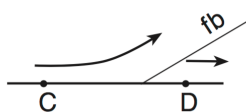
Base your answers to questions 1 through 4 on the weather map below and on your knowledge of Earth science. The map shows a low-pressure system with two fronts extending from its center (L). Points A, B, C, and D represent locations on Earth's surface. Two different air masses are labeled.



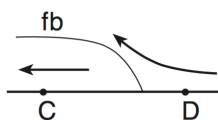
- Which atmospheric conditions describe the air mass that is influencing the weather at location C?
 - cool and dry
 - warm and dry
 - cool and moist
 - warm and moist
- Which locations are most likely experiencing precipitation?
 - A and B
 - B and C
 - C and D
 - D and B
- Which location will most likely the low-pressure storm center move towards?
 - A
 - B
 - C
 - D
- Which cross section represents the frontal boundary (fb) and air movements between C and D?



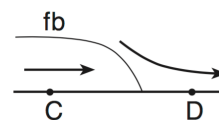
a.



b.



c.



d.