

Name:
Earth Science

Date:
Period:

Weather Fronts

1. The cross section below shows a weather front. The large arrow shows the direction of the movement of the cool air mass.



- Which type of weather front is shown?
- a. warm front
 - b. cold front
 - c. occluded front
 - d. stationary front
2. The winds shift from southwest to northeast as heavy rains and hail begin to fall in Albany, New York. These changes are most likely caused by the arrival of
- a. an mT air mass
 - b. a cT air mass
 - c. a cold front
 - d. a warm front
3. What is the difference in the air temperature and humidity between the cP and mT air masses?
- a. The cP air mass is warmer and less humid.
 - b. The cP air mass is colder and more humid.
 - c. The mT air mass is warmer and more humid.
 - d. The mT air mass is colder and less humid.
4. The map below shows the boundary between two air masses. The arrows show the direction in which the boundary is moving.



Which weather map uses the correct weather front symbol to illustrate this information?

