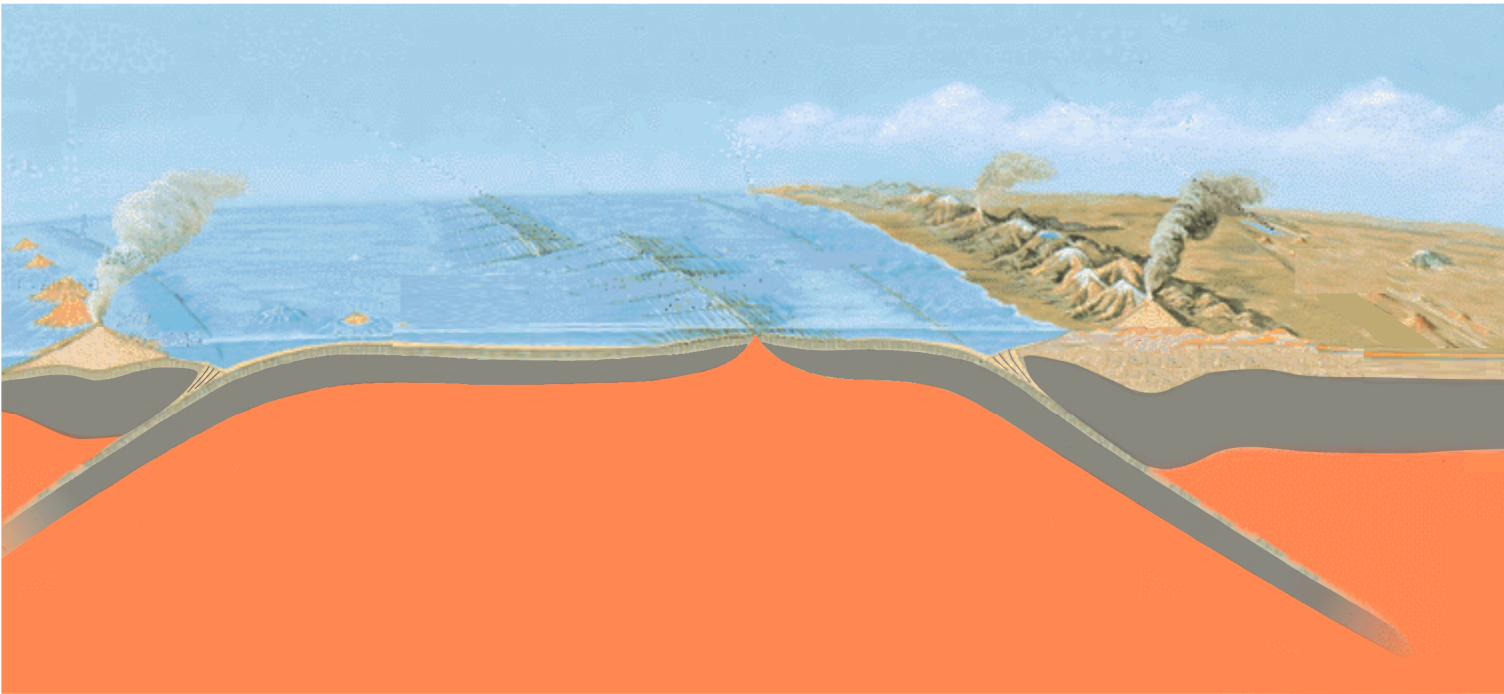


CROSS-SECTIONAL REPRESENTATION OF EARTH



For each response, please circle the number that most closely corresponds to your confidence level.

not confident ----- very  
at all confident

ON THE FIGURE ABOVE, PLEASE:

- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| 1) <b>Label</b> anything related to plate tectonics.       | 1 | 2 | 3 | 4 | 5 |
| 2) <b>Show</b> where you think melting could be occurring. | 1 | 2 | 3 | 4 | 5 |
| 3) <b>Indicate</b> relative direction plates are moving.   | 1 | 2 | 3 | 4 | 5 |

IN THE SPACE BELOW (AND ON THE BACK, IF NECESSARY), PLEASE:

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 4) <b>Explain</b> what the colors below the surface represent.                  | 1 | 2 | 3 | 4 | 5 |
| 5) <b>Explain</b> why melting occurs in the places you indicated in the figure. | 1 | 2 | 3 | 4 | 5 |