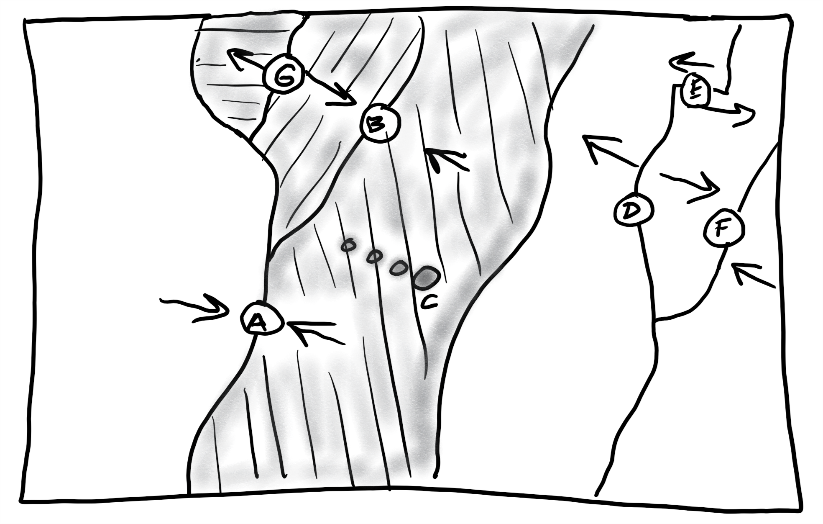
**Plate Tectonics Quiz #4 Version 2** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PLEASE DARKEN THE CORRECT ANSWER CHOICES.**

For each lettered feature on the map on the right, darken all of the characteristics below that apply. [Suggestion: start with letter A. Darken that letter for all of the descriptions that apply to location A on the map. Continue the process one map feature at a time.]

1. A B C D E F G There is an ocean trench in this location

2. A B C D E F G *Relatively* violent eruptions of lava *can* occur here.

3. A B C D E F G *Relatively* gentle eruptions of lava *can* occur here.

4. A B C D E F G There are tall mountains , but they are not volcanoes.

5. A B C D E F G Situated over a relatively hot part of the mantle

6. A B C D E F G Situated over a relatively cool part of the mantle

7. A B D E F G New ocean crust is being created here.

8. A B C D E F G Deep earthquakes can occur here.

9. A B C D E F G There are shallow focus earthquakes.

10. A B C D E F G Rounded, *shield* volcanoes exist here.

11. A B C D E F G Steep, *composite cone* volcanoes can be found here.

12. A B C D E F G This is a *subduction zone*.