

Name \_\_\_\_\_

Date \_\_\_\_\_

### Notes: Earthquakes and Volcanoes

#### Earth's Interior

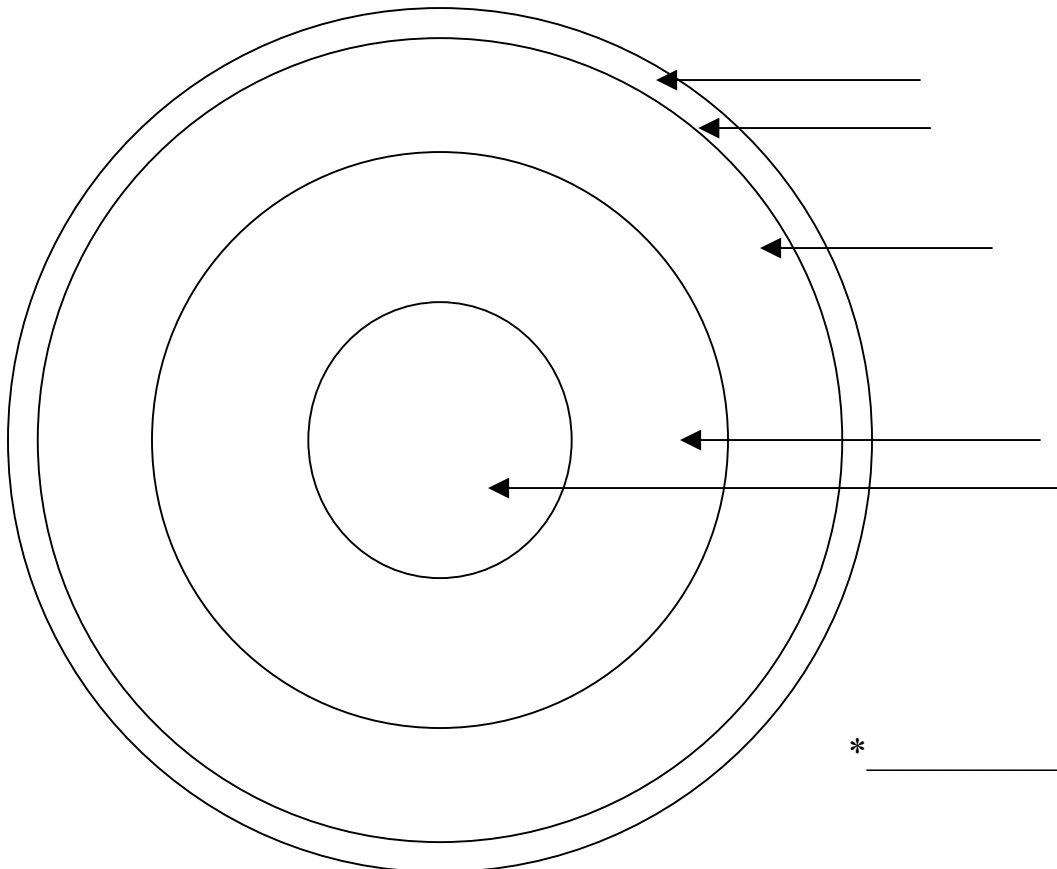
What happens to the speed of P or S waves as they travel into more dense material? \_\_\_\_\_

What happens to P waves as they enter a liquid? \_\_\_\_\_

What happens to S waves as they enter a liquid? \_\_\_\_\_

What happens to the path of P or S waves as they travel into changing densities? \_\_\_\_\_

What happens to the path if the density changes rapidly? \_\_\_\_\_



\* \_\_\_\_\_

Based on this diagram what are some conclusions that can be made about the earth's internal layers? \_\_\_\_\_

\_\_\_\_\_

- The following problems concerning the earth's interior can be answered using P. \_\_\_\_\_ of the ESRT.
- What is the thickness of the earth's outer core? \_\_\_\_\_
  - What is the density at a depth of 5000km? \_\_\_\_\_
  - What is the temperature at a depth of 2000km? \_\_\_\_\_
  - What layers make up the earth's lithosphere? \_\_\_\_\_
  - How can you determine which layers are liquid? \_\_\_\_\_
  - Which layers are liquid? \_\_\_\_\_

These are some things I learned, questions I have, or thoughts about the lesson:

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