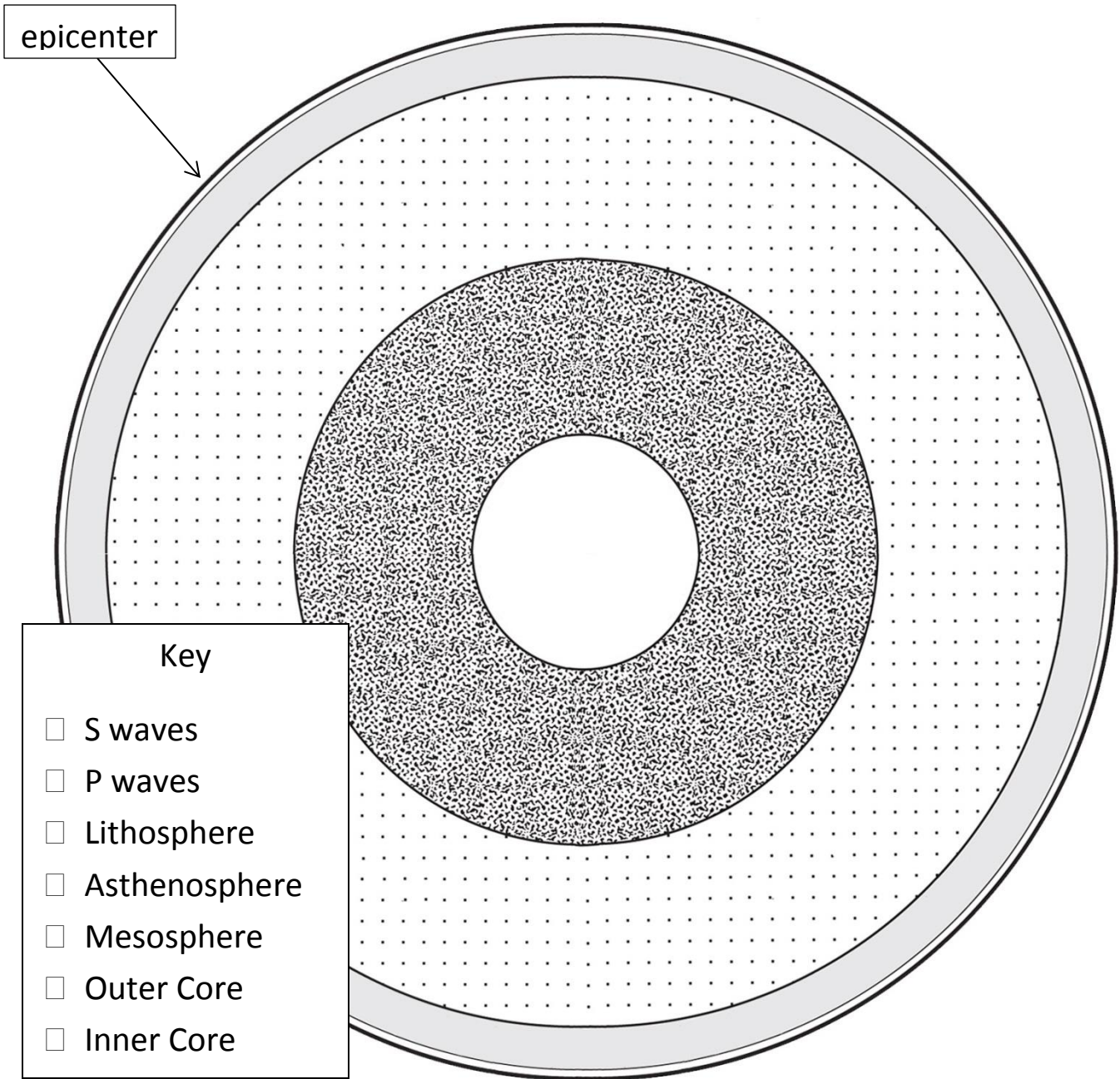


Name _____ Class Period _____



Step 1 – draw S-waves radiating from the epicenter to the outer core

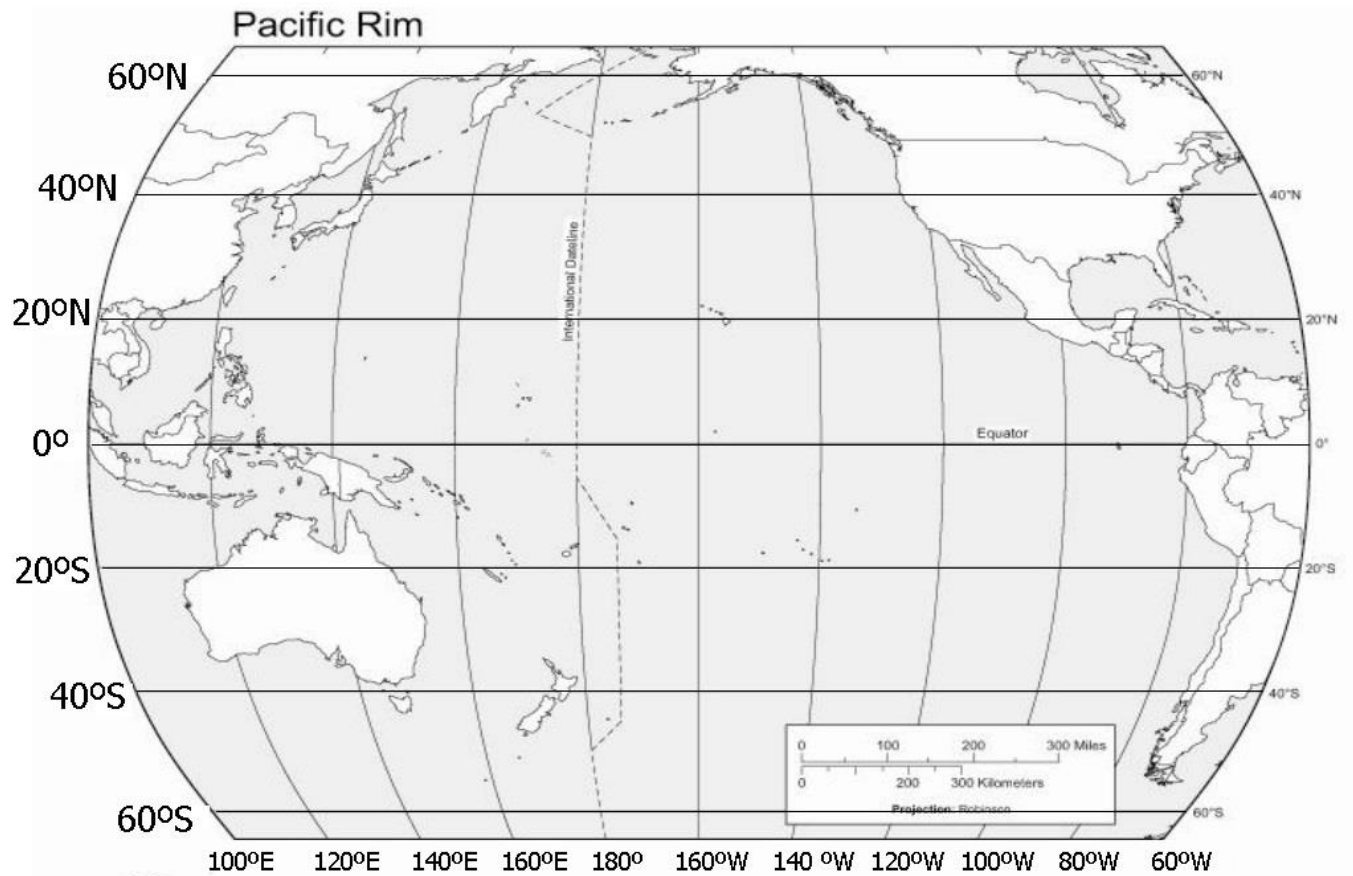
(remember that *s-waves* don't travel past the outer core.) (see page 211 in text book)

Step 2 – draw P-waves radiating from the epicenter through the entire earth (see page 211 in text book)

Step 3 – **color** the earth layers & match colors with the key

Step 4 – show & label the “**P-wave shadow zone**”

Step 5 – show & label the “**S-wave shadow zone**”



Courtesy: Arizona Geographic Alliance
 Department of Geography, Arizona State University
 Barbara Trapido-Luria

Label each of the following:

- North America
- South America
- Australia
- Asia
- Pacific Ocean
- Sea of Japan
- Mt. Rainier
- Hawaii
- Mt. Fuji
- Mt. Shasta
- Crater Lake

Longitude	Latitude	Longitude	Latitude
150° W	60° N	37° E	3° S
70° W	35° S	145° E	40° N
120° W	45° N	120° E	10° S
61° W	15° N	14° E	41° N
105° W	20° N	105° E	5° S
75° W	0°	35° E	15° N
122° W	40° N	70° W	30° S
30° E	40° N	175° E	39° S
60° E	30° N	123° E	38° N
160° E	55° N		

Use a **red colored pencil** to show the volcanoes on the map w/a **red triangle** for each volcano.