

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Google Geography Speed Problems

**Directions:** Use Google Earth and Google Maps to solve the following problems. Make sure to show your work including a problem set up. Your final answer with correct units should be placed in a box. All units should be metric units (km, m, km/s, km/h, m/s, m/h).

1. Mr. Devoto went to Seattle last weekend. If his flight took 2 hours from Sacramento, what was the plane's average speed?
2. Last summer I visited Los Angeles. The flight from San Francisco took 1.25 hours. What was the distance flown by the plane if its average speed was 440 km/h? Does this distance sound correct based on what Google Earth tells you?
3. If someone rides their bike from Salk to Arden Fair Mall (1689 Arden Fair Mall Way, Sacramento CA 95815) at an average speed of 20 km/h how many minutes will it take them to get there? Use Google Maps to get the distance in kilometers.
4. Mr. Wood has a very important meeting at the California Academy of Sciences in San Francisco (55 Concourse Drive, San Francisco CA 94122). If he needs to be there in 1 hour and 30 minutes (1.5 hours) what should his average speed be?
5. How long will it take to drive from Jonas Salk to Disneyland if your average speed is 100 km/h?