## Bridges

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

## D = rt around PDX

Use the addresses to map out your route. Predict how long it will take **before you do any math**. Then, calculate how long each route will take. Finally, compare your answer to Google Maps.

- 1. You're at Benson (546 NE 12th Ave) and you want to walk to Grant (2245 NE 36th Ave). You can walk an average speed of 3 mph. How long will it take?
  - a. Prediction:
  - b. Calculation:

c. Google:

- 2. You're at Marshall (3905 SE 91st Ave) and you want to bike to Grant (2245 NE 36th Ave). You can bike an average speed of 12 mph. How long will it take?
  - a. Prediction:
  - b. Calculation:

c. Google:

- 3. You're at Cleveland (3400 SE 26th Ave) and you want to bike to Benson (546 NE 12th Ave), but first you want to take a selfie at the middle of the Burnside Bridge (which is 1350 feet long). You can bike 150 feet in 10 seconds. How long will it take?
  - a. Prediction:
  - b. Calculation:

- c. Google:
- 4. Mr. Maurer is training for his marathon by running from school to school (because he's a teacher, and teachers spend ALL their time at school). He starts at Benson, runs to Cleveland, over to Marshall, up to Grant, and finishes back at Benson. If he runs 4 miles in 40 minutes, how long will it take?
  - a. Prediction:
  - b. Calculation:

c. Google: