Race to Tie 2

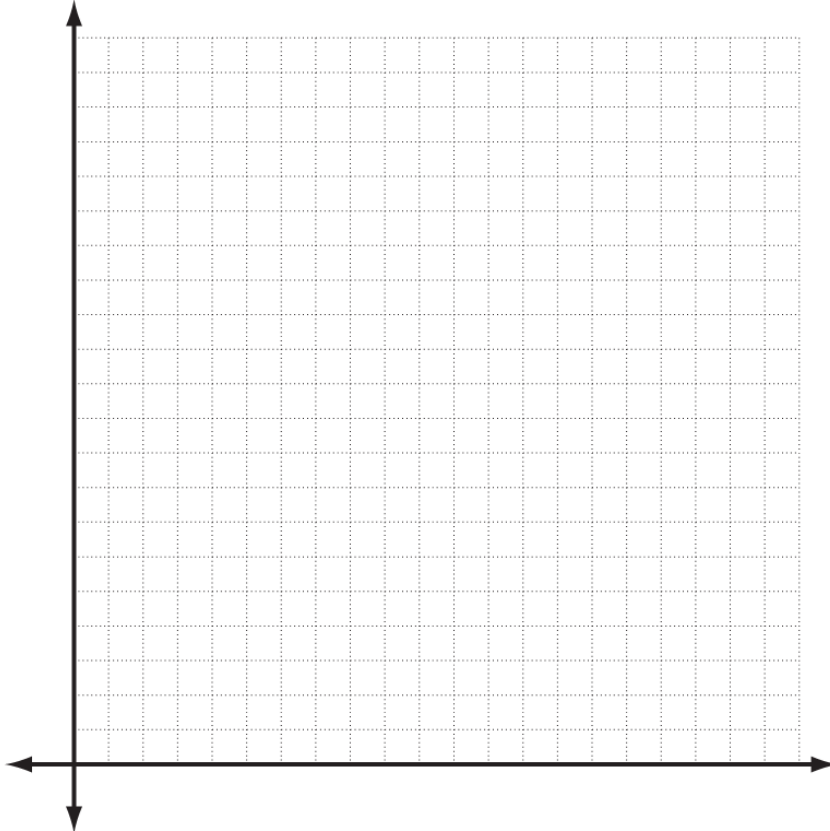**Part 3 – Linkbot Car 2**

1. The speed you picked for the LinkBot cars were: _____ & _____
       The code for changing your Linkbot car's speed is:
          robot.setJointSpeeds(*speed*, 0, *speed*)

2. Using a starting place of 10 inches for LinkBot car 1 and 40 inches for LinkBot car 2 along with the equations you determined in parts 1 and 2, graph lines for both bots.

3. Do the lines intersect? At what point do the lines intersect? What do the coordinates of these points represent? (Use complete sentences)

4. Write the final equations for each bot, making sure to include their starting points.
    LinkBot 1   LinkBot 2

5. Use the final equations to solve for the "tie point" Algebraically. Show all work and label each part.