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## Pipes vs. Shared Memory

While pipe sends data/messages to a recipient, shared memory is a public publishing of data. A pipe is a one way method of sharing code. I would choose shared memory because AVBotz is composed of many group members and since pipe is limited to only one recipient at a time, shared memory would be the better choice for mass distribution.

- 4) a) The sound is coming from North West.
- b) Since C received the signal first, it must have been coming from the North direction. Then since B received the signal second, the sound must have been closer to B than A. B is on the left of A so that makes the sound coming from North West.
- c) The possible points would make half of a hyperbola because for any point on the hyperbola, the distance between the sound and point C and the sound and point B would be the same, therefore keeping the distance difference the same too.
  - d) The sound originates from (-3.50348, 4.00356).
- e) I would look within a range of x and y values and find the coordinate that will satisfy the system of equations. (see my bonus for details)

