

# Jesse Humberd Scholarship

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Turn into Dr. Johnson by 1/21/2021

## PROBLEM 2: ROBOT FINGERS

A robot grabs a circle with three robot-fingers. The person operating the robot wants to know the exact coordinates of the center of the circle. They know that the coordinates of where the three fingers touch the circle are

1.  $(0.8, 0.666)$
2.  $(1.166, -0.7)$
3.  $(-0.7, -0.2)$

Find the center of the circle.

Bonus: Can you come up with an equation to always find the center of a circle if you know three points on it?