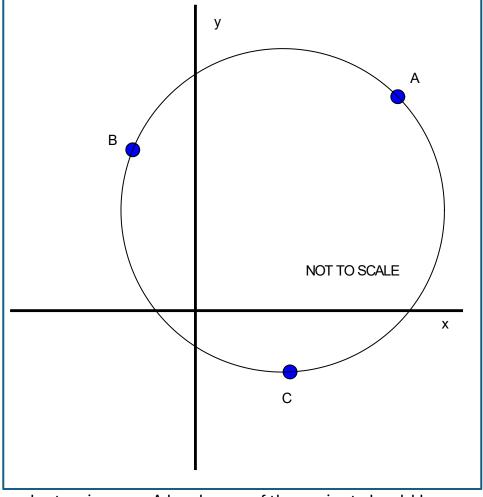Given three points A(10.5, 9.6) and B(-2.1, 7.1) and C(4.3, -2.6). Since three point define a circle, find the center of the circle to 2 decimal places. Show all work and explain your thought process. Refer to **Geometry and Algebra 1** references as necessary. Note the image is NOT TO SCALE.

Present your solution in a Professionally formatted MS Word or Google Doc using the following format:

- Section1 – Problem Description.
- Section 2 – Problem solution process /steps.
- Section 3 – Steps solving the problem
- Section 4 – Explicity identify the solution
- Section 5 – Propose a real-world application for the application of this problem.

- Attach appendices as appropriate. Appenicies may contain images of hand calculations and **must** include a clean copy of this problem statement.

Submit this document electronically as an email attachment to mheinen@re-2.org on or before mid-night, Thursday, 9-18-2025. This project may be submitted as a hard copy in lieu of an electronic copy. A hard copy of the project should be retained in student notebooks/binders under a tab labeled "Projects".

Additional copies of this project may be downloaded from Mr. Heinen's website (www.markeredwards.com) under the Algebra 2 tab/page (near the bottom) as a PDF file.