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<div align="center">Euclidean Distance</div>

To calculate the distance between points: (x_1, y_1) and (x_2, y_2) we need to use the formula for the Euclidean Distance.

$$D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distance for $(2, 2)$ and $(-4, -2)$ is:

$$D = \sqrt{(36 + 16)} = \sqrt{52} \approx 7.2111$$

Works Cited