1 **Center of mass**

Based on the coordinate system, calculate that the Center of mass in the x and y direction of the following composite system using the following definition:

\[
\overline{x} = \frac{\sum X_i A_i}{\sum A_i} \quad \text{and} \quad \overline{y} = \frac{\sum Y_i A_i}{\sum A_i}
\]

R=5, c=4, and b=6