

Symbol	Values	Description
A	$\begin{pmatrix} 0 \\ 0 \end{pmatrix}$	Center of circle 1
r_1	3 units	Radius of the circle 1
B	$\begin{pmatrix} 4 \\ 0 \end{pmatrix}$	Center of circle 2
r_2	2 units	Radius of circle 2
\mathbf{e}_1	$\begin{pmatrix} 1 \\ 0 \end{pmatrix}$	Standard basis vector 1
\mathbf{e}_2	$\begin{pmatrix} 0 \\ 1 \end{pmatrix}$	Standard basis vector 2