### 2.7 Handwrite Practice

Handwrite your responses to 1 . and 2. below and collate them into a PDF for submission into ASULearn.

1. Consider the linear transformation that rotates points through $60^{\circ}$ degrees about the point $(6,8)$.
(a) Write the linear transformation as a composition of 3 matrices so that you list $C B A$ (where it would be $C B A O b j e c t)$
(b) Explain what each of the 3 matrices does individually
2. If $A$ and $B$ are $3 \times 3$ matrices and $C$ is a digital figure like Yoda, is it better to compute $(A B) C$ or $A(B C)$, or is there no difference? Explain your reasoning.
