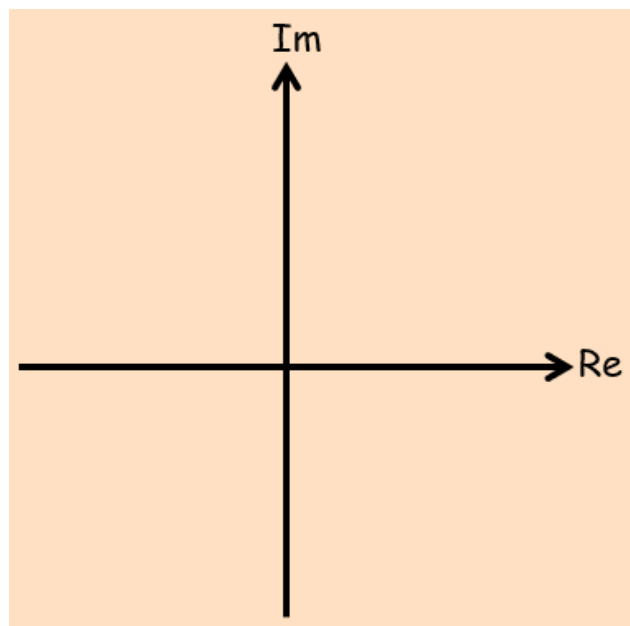
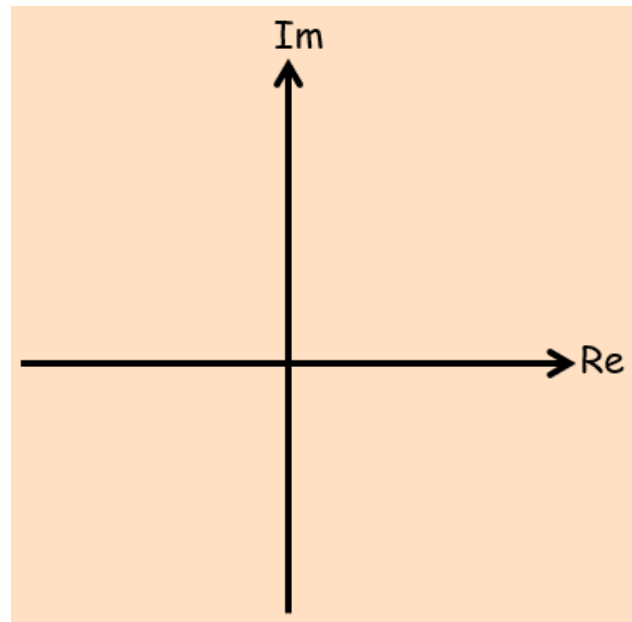


## 1G Geometric Problems with Complex Numbers

1. Find the 6<sup>th</sup> roots of the complex number  $7 + 24i$



2. Find the 6<sup>th</sup> roots of unity



Summary notes:

3. The coordinate  $(\sqrt{3}, 1)$  lies at one vertex of an equilateral triangle. The centre of the triangle is at the origin.

Find the coordinates of the other vertices of the triangle

