**2A Introduction to Argand Diagrams**



1. Represent the following complex numbers on an Argand diagram:

$$z\_{1}=2+5i$$

$$z\_{2}=3-4i$$

$$z\_{3}=-4+i$$



Find the magnitude of |OA|, |OB| and |OC|, where O is the origin of the Argand diagram, and A, B and C are z1, z2 and z3 respectively

1. $z\_{1}=4+i$ $z\_{2}=3+3i$

Show z1, z2 and z1 + z2 on an Argand diagram



1. $z\_{1}=2+5i$$z\_{2}=4+2i$

Show z1, z2 and z1 - z2 on an Argand diagram

