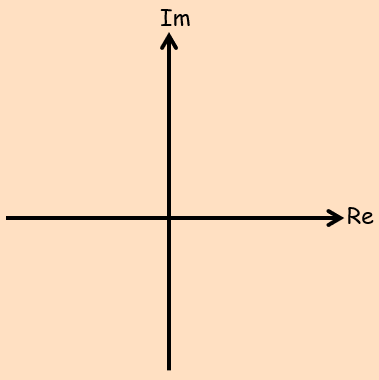
**1F nth Roots of Complex Numbers**

1. Solve the equation z3 = 1 and represent your solutions on an Argand diagram.



1. Show that the three cube roots of 1 can be written as where

Summary notes:

1. Solve the equation

Give your answers in both the modulus-argument and exponential forms.

1. Solve the equation: