

Given the formula Euler  
can be written:

$$\begin{aligned} (r(\cos\varphi + i\sin\varphi))^n &= \\ &= r^n (\cos n\varphi + i\sin n\varphi) \end{aligned}$$

This is the **formula of Moivre.**

$$z_{21} = \frac{\sqrt{3}}{2} + i\frac{1}{2};$$

$$z_{22} = -\frac{\sqrt{3}}{2} + i\frac{1}{2};$$

$$z_{23} = -i.$$