## **Year 12 Core Pure**





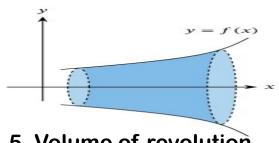
## LEARNING JOURNEY









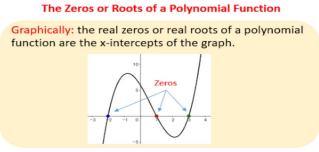


5. Volume of revolution

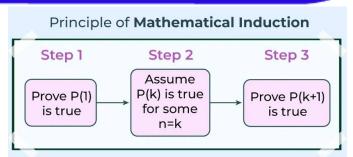
## **Vector Cross Product Formula** $\vec{\mathsf{B}}$ Bcos a

 $\vec{\mathbf{a}} \times \vec{\mathbf{b}} = |\vec{\mathbf{a}}| |\vec{\mathbf{b}}| \sin \theta \hat{\mathbf{n}}$ 

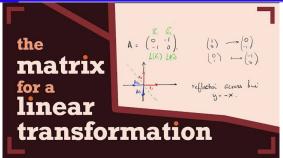
 $\vec{A} \cdot \vec{B} = |\vec{A}| |\vec{B}| \cos \alpha$ 9. Vectors



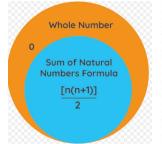
4. Roots of polynomials



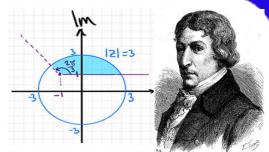
8. Proof by induction



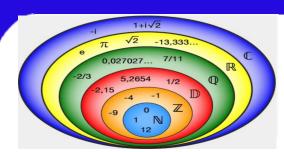
7. Linear transformations



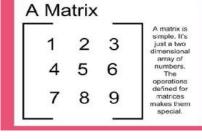
3. Series



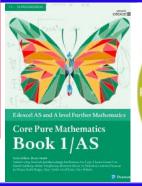
2. Argand diagrams



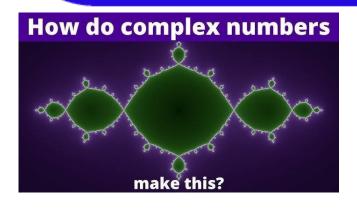
1.Complex numbers



6. Matrices







## **Transformation Matrices**

