

Applied Arithmetic and Measure - Junior Certificate Mathematics

Foundation Level	Ordinary Level	Higher Level
Perimeter. Area: square, rectangle, triangle.	Perimeter. Area: square, rectangle, triangle.	Perimeter. Area: square, rectangle, triangle.
Volume of rectangular solids (i.e. solids with uniform rectangular cross-section).	Surface area and volume of rectangular solids (i.e. solids with uniform rectangular cross-section).	Surface area and volume of rectangular solids (i.e. solids with uniform rectangular cross-section).
Length of circumference of circle = π . Length of diameter Use of formulae for length of circumference of circle ($2\pi r$) and for area of disc (i.e. area of region enclosed by circle, πr^2).	Length of circumference of circle = π . Length of diameter Use of formulae for length of circumference of circle ($2\pi r$) and for area of disc (i.e. area of region enclosed by circle, πr^2).	Length of circumference of circle = π . Length of diameter Use of formulae for length of circumference of circle ($2\pi r$) and for area of disc (i.e. area of region enclosed by circle, πr^2).
Use of formula for volume of cylinder ($\pi r^2 h$).	Use of formulae for curved surface area and volume of cylinder and sphere.	Use of formulae for curved surface area and volume of cylinder , sphere and right circular cone.
	Application to problems.	Application to problems, including use of the Theorem of Pythagoras.