



OLYMPIAD · EVERYDAY MATHEMATICS · OLYMPIAD PREPARATION · FORMULA BANK

Chapter 17: Area, Perimeter and Volume in Real Situations

Every formula and result of the chapter on one sheet

1	Rectangle	perimeter $2(l + b)$, area lb
2	Square	perimeter $4a$, area a^2
3	Triangle	area $\frac{1}{2}bh$
4	Circle	circumference $2\pi r$, area πr^2
5	Four walls of a room	$2h(l + b)$
6	Cuboid	volume lbh
7	Cube	volume a^3 , surface area $6a^2$
8	Litres	$1 \text{ m}^3 = 1000 \text{ litres}$