

OLYMPIAD · EVERYDAY MATHEMATICS · OLYMPIAD PREPARATION · FORMULA BANK

Chapter 16: Averages

Every formula and result of the chapter on one sheet

1	Average	$\frac{\text{sum}}{n}$
2	Sum	$\text{average} \times n$
3	Average of the first n natural numbers	$\frac{n+1}{2}$
4	Average of equally spaced numbers	the middle number
5	Two groups combined	$\frac{a m_A + b m_B}{a + b}$
6	Number added or removed	find the change in the sum