



The questions assume concepts outlined in earlier papers. They increase in complexity throughout the paper and encourage the use of higher-order thinking skills.

PAPER B



NUMBER & ARITHMETIC

ALGEBRA & PATTERNS

MEASURES & UNITS

SPACE & GEOMETRY

STATISTICS & PROBABILITY

Questions may require students to:

NUMBER

- count, order and compare whole numbers to 10 000
- understand place value of whole numbers to 10 000
- recognise odd and even numbers

ARITHMETIC

- solve problems involving unit fractions with denominators of 2, 3, 5 and 10
- multiply and divide by 2, 3, 5 and 10
- use informal factors and multiples of whole numbers to solve problems
- add and subtract to 100

PATTERNS

PRE-ALGEBRA

- complete number sentences involving the four operations

ALGEBRA

not tested at this level

MEASURES

- estimate, order, measure and compare mass, length, and capacity

UNITS

- use familiar metric units such as cm, m, km, g, kg, L and mL

MEASUREMENT

- read analog and digital clocks
- calculate areas and perimeters using a grid

SPACE

- identify pathways and interpret grid maps for relative position
- identify axes of symmetry

SHAPE

- identify nets and elevations of 3-D shapes

GEOMETRY

- recognise angles as measures of turn
- order and compare angles

PROBABILITY

- count the number of arrangements of sets of objects and events

STATISTICS

- read and interpret bar charts, a range of common graphs and two-way tables

LEARN MORE

ICAS Paper to Year Level Conversion Table www.eaa.unsw.edu.au/icas/paper-to-year-level-equivalent-table.asp