



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 A



NUMBER & ARITHMETIC

ALGEBRA & PATTERNS

MEASURES & UNITS

SPACE & GEOMETRY

CHANCE & DATA

Questions may require students to:

NUMBER

- count, order and compare whole numbers to 1000
- place value of whole numbers to 1000
- skip by 2s, 3s, 5s and 10s
- order and compare halves, quarters and eighths

ARITHMETIC

- multiply and divide by single digits using repeated addition, arrays or groups
- solve simple addition and subtraction problems

PATTERNS

- continue simple linear patterns with numbers and shapes
- identify missing elements in a pattern

PRE-ALGEBRA

- solve simple number puzzles expressed in words or symbols
- complete number sentences involving addition and subtraction

ALGEBRA

not tested at this level

MEASURES

- informally measure and compare mass, length, area, volume and capacity
- order months and seasons
- read a calendar

UNITS

- no formal units at this level

MEASUREMENT

- read analog and digital clocks to the quarter hour

SPACE

- give and follow directions
- identify relative position on a picture or map
- identify image after one-step flip, slide and half or quarter turns

SHAPE

- describe 2-D and 3-D shapes
- identify shapes or solids that are the same or different

GEOMETRY

not tested at this level

CHANCE

- give simple estimates of probability in terms of likelihood

DATA

- classify data
- interpret lists, tables and picture graphs
- complete a basic table

LEARN MORE

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