

Year 6 Term 4 Week 3

Tuesday Mathematics

Try this first

Go to: e-ako.nzmaths.co.nz

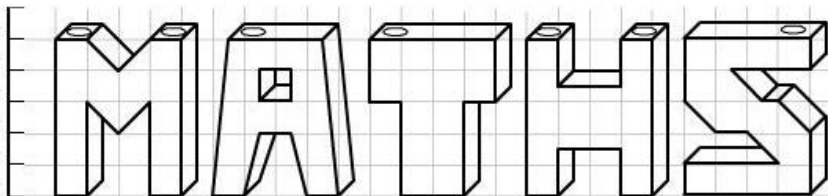
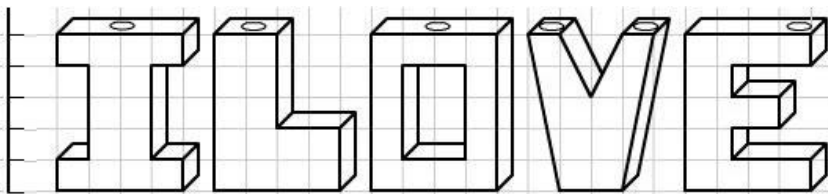
Geometry e-ako

- Go to the measurement pathway in e-ako maths
- Choose e-ako M3.8 (8th yellow button; 3rd row)
- Work through pages 17-25

Task

Vessels

A series of vessels of uniform cross section look like letters when viewed face-on. They are 1 cm thick, and the corners of the vessels have either whole or half cm values for their coordinates.



Water is poured slowly into each vessel through one of the holes at the top at a rate of 1 mL per minute. Seven of these vessels take the same time to fill up. Which are they? Which one takes the longest to fill? Which would fill up first?

Explain and justify your answer

