

# Christchurch '74

The 1974 Commonwealth Games logo can be constructed from a series of transformations on a single N.

Give a set of instructions that take the upper left hand blue 7, that would:



1. Create the upper left hand N.
  2. Use the upper left hand N to build the remainder of the logo.
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1. Draw or cut out the starting shape (blue 7).
  2. Investigate various transformations until you have one, or a sequence of several, that lead to the position and orientation of the red 7 to complete the upper left N.
  3. Draw or use a cut out of the upper left N.
  4. Investigate various transformations until you have one, or a sequence of several, that lead to the position and orientation of the upper left N to complete the upper right Z.
  5. Repeat this process (4) until you have completed the design.
  6. Write the sequence of steps that take you from just the first blue 7 to the full design.