

# Twelve Points to Insanity

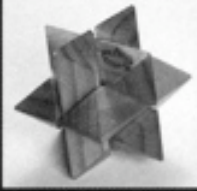


*Purchased from Mr. Puzzle Australia 2006, level 1, no holes.  
(six wood pieces, 3.5 inches)*

Mr. Puzzle Australia credits this puzzle as being sold as early as 1875, and as having been sold under a number of names, including the *Cluster*, the *Gem Cut Puzzle*, the *Chestnut Burr*, and the *Snowflake*. When assembled it looks like a standard version of the *Simple Six Piece Burr* (where pieces have a diamond cross section). However, it actually is composed of six identical pieces where two assemblies of three slide together.

ONE OF OUR MANY COMPLEX PUZZLES  
MANUFACTURED IN QUEENSLAND, AUSTRALIA


## TWELVE POINTS TO INSANITY



The puzzle is to build the 12 pointed star from the six identical pieces. It is known that a six piece diagonal burr was sold as long ago as 1875 although the pieces were not all identical; it had one solid locking piece. Mr Puzzle's version with 12 identical pieces, named for it's twelve pointed star-like shape, required some dexterity to complete and this makes the puzzle a little more difficult. Anyway, our name is easier to remember than saying it's the first stellation of a rhombic dodecahedron.

Solution Enclosed

**DIFFICULTY RATING**



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The solution you've been waiting for to.

## TWELVE POINTS TO INSANITY

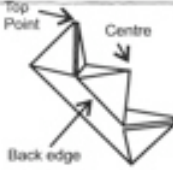


Diagram 1

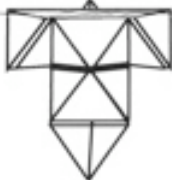


Diagram 2




Diagram 3

**Step 1** Pick up any two pieces and make a "T" with centres meeting at the same point and facing you. The back edge of the top block fits down in the top groove of the bottom block which is vertical. (See Diagram 2)

**Step 2** The third piece is then fitted into the **right** hand side with its centre point meeting the other two centre points. (See Diagram 3)

**Step 3** This is half your puzzle..... make a second half starting with the "T" per Step 1.

**Step 4** The third piece of your second half is fitted to the **left** side of the "T" with the centres meeting at the same point.

**Step 5** You now have the two halves - one with the three top points facing clockwise and the other with its three top points facing anticlockwise. Slip the two halves together so that the centre points meet.