



Millennium Dome

Aim To create a structure of two spans at right angles with the largest product of length \times width \times height.

Materials 5 sheets of card 20 paper clips
1 piece of 'Blu-Tack' 1 pair of scissors

Method The "dome" must be created using only the materials provided.

Conditions

- The two spans must be joined at their midpoint and be at an angle of $90^\circ \pm 5^\circ$ to each other.
- The "feet" of the spans must be secured to the bench with the blu-tack.
- The structure must support a £1 coin, placed at the intersection of the two spans, for 10 seconds.
- The total cost of the dome must not exceed £800 million.

Time limit 25 minutes

Ranking The ranking order will be determined by the product of length \times width \times height for the structure.

Team

L =	cm
W =	cm
H =	cm

Do not write below line

Result

cm³

Rank