



Location³

Aim To determine the longitude and latitude of a specified object, given the longitude and latitude of a reference point.

Materials 1 metre rule A4 card

Method Any. Note that the radius of the Earth is 6.4×10^6 m.

Conditions

- All team members must remain on the grass at all times
- No team member is allowed to cross the footpath
- No GPS receivers may be used
- The result must be given in the sexagesimal system (degrees, minutes and seconds)

Time Limit 25 minutes

Ranking The ranking order will be determined by the distance between the coordinates given and the actual coordinates.

° ' ''

Team

Result

W

N

Do not write below this line

Rank

Longitude and Latitude of Chemistry sign

2° 57' 45.3'' W

53° 24' 14.7'' N