



# Trigonometric Relationships Checklist

## Achievement

I can:

Solve trigonometry problems requiring straightforward modeling of practical situations using:

- Sine rule
- Cosine rule
- Area of triangle
- Sectors and segments
- Circular measure, radians, etc.

Situations to be modeled could involve

- Land measurement
- Navigation

## Merit

I can

- Solve trigonometry problems requiring modeling of practical situations
- Problems will be based on non-right-angled triangles where the choice of technique and the measurements are not easily identifiable, e.g. bearings

## Excellence

I can:

- Solve multi-step trigonometry problems

Problems could include:

- 2D representations of a 3D situation
- Use of more than one trigonometric formula
- Evaluation of the process and results of the practical task