



## Co-ordinate Geometry Checklist

### Achievement

I can:

Solve problems using a coordinate geometry method, involving a selection from the following:

- Find the midpoint between two points
- Find the distance between two points
- Find the equation of a line
- Find the equation of parallel and perpendicular lines
- Find coordinates of the point of intersection of two lines

Problems will be in 2-dimensional situations

### Merit

I can

- Solve problems involving a combination of at least two coordinate geometry methods from the list above

Problems could include:

- Find the equation of a median
- Find the equation of a perpendicular bisector

### Excellence

I can:

- Solve multi-step trigonometry problems

Problems could include:

- Choose and apply a variety of coordinate geometry methods to solve problems
- The complexity of the problems will require an extended chain of reasoning
- Problems could be set in 3-dimensional situations
- Problems could involve a proof