**Mystery A Decision and Reasoning Making Activity**

- You need to read the statements and then sort them into relevant or irrelevant.

- Then you need to decide whether they support an argument to answer the question.
- Think carefully about the thinking processes involved in the completion of this activity.
- How do they contribute to differentiation?

# Will Hugh get to the church on time?

| | |
|---|---|
| Friday June 9th 8.30am, a friend, Kate, rings Hugh at home in London inviting him to her wedding. | There are terrible traffic jams on the M4 and M5 which cause delays of up to two hours on the morning of Friday June 9th. |
| The wedding is held in a church near Inverness, in Scotland. | It is 570 miles from London to Inverness. |
| Hugh and Kate share the same birthday, June 21st. | The wedding is at 12.30pm on Saturday 10th June. |
| Each stop takes about half an hour for petrol and food. | He packs quickly and leaves at 9.00 in the morning. |
| In three hours of driving Hugh covers about 150 miles (if he is not held up in a traffic jam). | It is OK to drive for about 3 hours at a time before you must stop for some food and petrol and to go to the toilet! |
| It takes an hour and a half to go the first 20 miles because the traffic in London is so slow. | After nine hours of driving Hugh is very tired and decides to stop in a hotel for the night. |

# Statements for:
# Will Hugh get to the church on time?

Hugh has forgotten the name of the church in Inverness. It takes him three-quarters of an hour to find it.

Breakfast is served in the hotel dining room from 7.00am on weekdays and 7.30am at weekends.

He leaves after breakfast on Saturday morning.

For a further challenge try this alternative ending...

On Saturday morning the car won't start.

It is 15 minutes by taxi to the railway station nearest the hotel.

The trains leave every 45 minutes starting from 7.30 in the morning.

It takes 20 minutes in a taxi from Inverness railway station to the church.

Below is a map to help with making judgements about place position and distance.

**Further Activities**
These activities can be altered by adding in alternative or extra statements such as the above four examples.