

# Who, where and when?

## Who?

**One of the following four people has committed a crime. The criminal made 4 errors, the victim has made 0 errors and two suspects have made 1, 2 or 3 errors.**



The ICT teacher said

- The modal class of B is  $160 < h \leq 170$

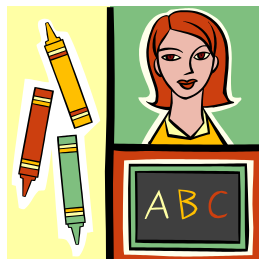
- The median of E is  $18000 < S \leq 20000$
- The median of D is  $4 < h \leq 6$
- The median of B is  $140 < h \leq 150$

The music teacher said:



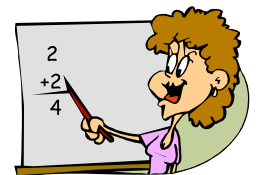
- The modal class and median of A is  $20 < t \leq 30$
- The modal class of F is  $150 < h \leq 160$
- The median of E is  $14000 < S \leq 16000$
- The modal class of B is  $150 < h \leq 160$

The English teacher said:



- The modal class and median of D are the same
- The median of F is  $150 < h \leq 160$
- The median of C is 37 to 39
- The median of E is  $18000 < S \leq 20000$

The Maths teacher said:



- The modal class and median of B are the same
- The median of F is  $140 < h \leq 150$
- The modal class and median of C are NOT the same
- The modal class of E is  $50000 < S \leq 100000$

Now you need to work out where and when the crime was committed....

## Where?

The murder was committed at one of the locations below, but which one?  
It happened where ALL the answers are true.

<b>The maths classroom</b>	The total number of girls is 30. The total number of people in Table A is 40. The total number of trainers is 4.
<b>The dining hall</b>	The total number of boys is 100. The total hours using a PS3 is 720. The total boys' height is 14,900cm.
<b>The gym</b>	The total time to get to work is 1130 hours. The total number of boys is 100. The total salaries are £1,565,000.
<b>The playing fields</b>	The total girls' height is 4430cm. The total in table C is 20. The total number of salaries is 7.

## When?

Find the day where all the **estimates of the means** are correct:

<b>Monday</b>	If table A is 28.25 and table C is 38 (to 1 significant figure) and table E is £17,388.89 (to 2 decimal places)
<b>Tuesday</b>	If table B is 147.7 (to 1 decimal place) and table C is 40 (to 1 significant figure) and table D is 6.1 (to 1 significant figure)
<b>Wednesday</b>	If table A is 28.3 (to 1 decimal place) and table F is 200 (to 1 significant figure) and table D is 6.1 (to 1 decimal place)
<b>Thursday</b>	If table C is 38.15, and table F is 100 (to 1 significant figure) and table B is 147.7 (to 1 decimal place)
<b>Friday</b>	If table F is 149 and table D is 6.1 (to 1 decimal place) and table B is 150 (to 1 significant figure)

## The Accusation

<b>Who</b>	
<b>Where</b>	
<b>When</b>	