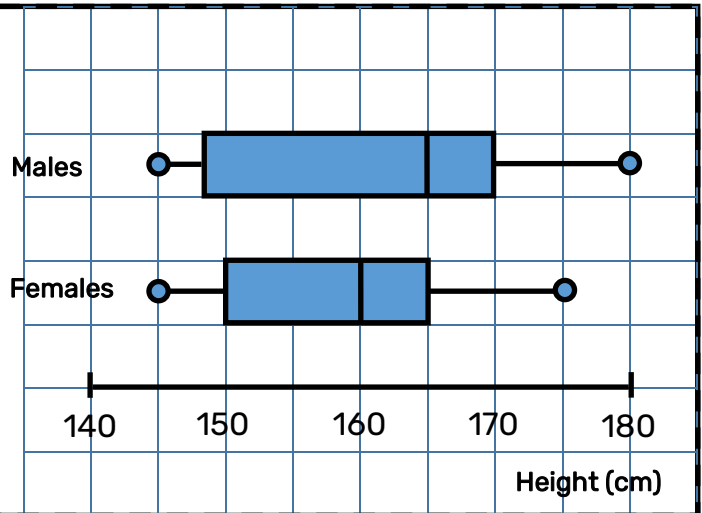


Robot Maths - Comparing box plots (part 1)

Example:

Riley found the heights of males and females in his class and drew box plots to compare them.

What do these box plots tell you?



1) Write a sentence about the medians:

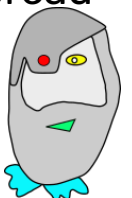
The median of the _____ is _____ and the median of the _____ is _____. The median of the _____ is _____ more than the _____. On average, the _____ are _____.

2) Write a sentence about the range (*highest - lowest*):

The range of the _____ is _____ and the range of the _____ is _____. This means that the spread of the _____ is _____ more than the _____.

3) Write a sentence about the interquartile range (*UQ - LQ*):

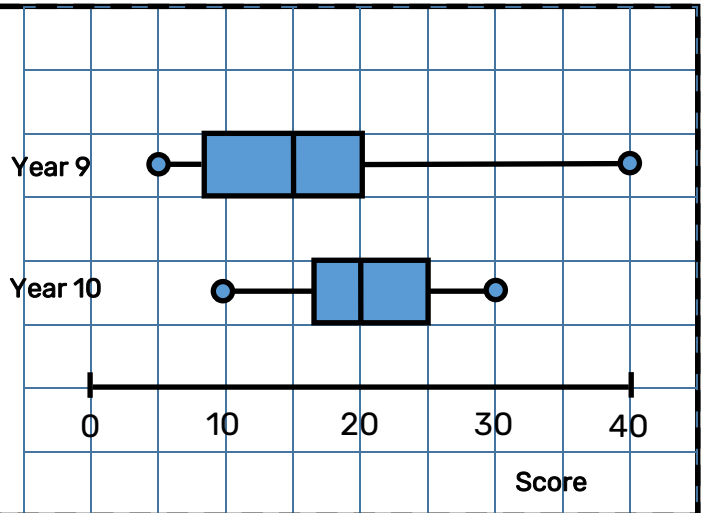
The interquartile range of the _____ is _____ and the interquartile range of the _____ is _____. This means that the middle 50% spread of the _____ is _____ more than the _____.



Robot Maths - Comparing box plots (part 1)

Example:

Staci gave the students in Years 9 and 10 a general knowledge quiz and wants to compare the results. She draws box plots to compare them. What do they show?



1) Write a sentence about the medians:

The median of the _____ is _____ and the median of the _____ is _____. The median of the _____ is _____ more than the _____. On average, the _____ have a _____.

2) Write a sentence about the range (*highest - lowest*):

The range of the _____ is _____ and the range of the _____ is _____. This means that the spread of the _____ is _____ more than the _____.

3) Write a sentence about the interquartile range (*UQ - LQ*):

The interquartile range of the _____ is _____ and the interquartile range of the _____ is _____. This means that the middle 50% spread of the _____ is _____ more than the _____.

