

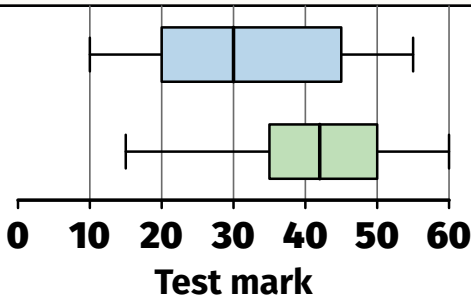
Build Tasks



Compare the centre and spread of two box-and-whisker plots.

Class A

Class B



1. Which class has the higher median? By how much?

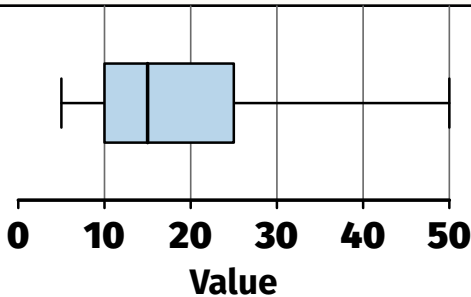
2. Which class has the greater IQR? What does this tell you?

Build Tasks



Use the box sections and whiskers to interpret shape and spread.

Sample



3. Describe the shape. Justify using the box and whiskers.

4. Why is IQR often preferred over range for spread?

Build Tasks



Interpret and compare distributions using CSSI language.

5. Two classes have the same median but different IQRs. What does this tell you about their spread?

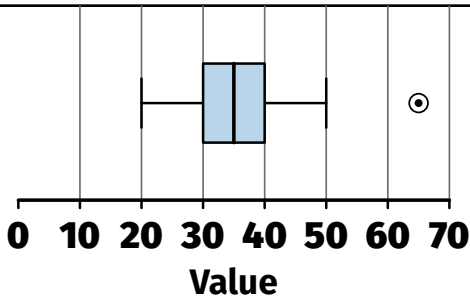
6. A box plot has a long right whisker and a short left whisker. Describe its shape.

Build Tasks



Read unusual features and connect them to a full CSSI comparison.

Class C



7. Identify the outlier shown.

8. Why compare shape as well as centre and spread?