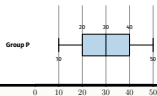


Build Tasks

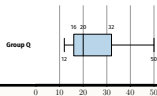


Read shape (symmetrical/skewed) from the median's position and whisker lengths.

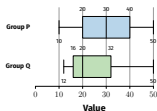
1. Describe Group P's shape (symmetrical/skewed). Justify using the median's position.



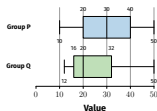
2. Describe Group Q's shape. Justify using the median's position and whisker lengths.



3. Which group – P or Q – has the higher median?



4. Which group has the larger IQR (more spread)?

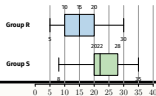


Build Tasks

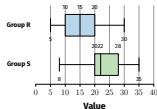


Apply the 75%/50% rule to a borderline case, then explain why it uses the IQR.

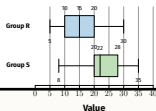
5. Is Group S's median inside or outside Group R's IQR? What does this suggest?



6. Calculate each group's IQR. Which group is more consistent?



7. Group S's median is just 2 above Group R's UQ. Does the rule still count this as a real difference?



8. Explain why the rule uses the IQR (middle 50%) rather than the full min-to-max range.