

Q17

The SD of a data is 6. If each obs is increased by 1, then the new S.D. is ?

→ TIP  
If a constant  $k$  is added to each number in a data, then the mean is increased by  $k$ . and S.D. is unaltered.  
[∴ the spread of data will be unchanged]

Hence  $\sigma_{\text{new}} = 6$

Difficulty = easy

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