



Aberdare Community School  
Mathematics Department

WJEC GCSE  
**Higher – Non Calculator**  
Data

# Surveys and sampling

Name: .....

Set: .....

Date: .....

Teacher: .....

21. A survey is being carried out. Explain why selecting every tenth person in a queue will not give a random sample.

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3. *You will be assessed on the quality of your written communication in this question.*

Jasmine and Harry carry out surveys.

Jasmine asked 20 women about healthy eating and finds that 9 of the women questioned said they have read about the need to eat 5 portions of fruit and vegetables a day.

Harry asked 50 people he met in the fitness centre about healthy eating and finds that 25 of the people questioned said they eat 5 portions of fruit and vegetables a day.

Compare the way in which Jasmine and Harry carry out their surveys and draw a conclusion about each difference.

Write down **three** differences in the way that Jasmine and Harry carried out their surveys.

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