

## Surveying students

This task is about the best sample and sample size for a survey.



a) The following headline appeared in the local newspaper: "Students do not like wearing school uniforms."

Pete designed a questionnaire to find out if students at his school liked wearing uniforms. Which of these would be the best sample of 50 students to answer his questionnaire?

- Two year 9 classes chosen at random, with a total of 50 students altogether.
- A group of 50 of his friends who are chosen at random.
- A group of 10 students chosen at random from each of the 5 year levels at the school.
- A group of 50 year 9 students who are chosen at random.



b) Penelope decided to survey students at her school for their favourite pop group. How many students should she survey for the most accurate results?

- 30
- 60
- 100
- 200