



School survey task: Student worksheet

<http://topdrawer.aamt.edu.au/Statistics/Assessment/Assessment-tasks/School-survey>

Source: © Jane Watson.

A class wanted to raise money for their school trip. They could raise money by selling raffle tickets for a Wii Game System.

Before they decide to have a raffle they wanted to estimate **how many students in the whole school would buy a ticket**. They decided to do a **survey** to find out first.

The school has 600 students in years 1–6 with 100 students in each year.

1. How many students would you survey?
How would you choose them? Explain your answers.
2. Shannon got the names of all 600 students in the school and put them in a hat. Then she pulled out 60 names.
What do you think of Shannon's survey? Explain your answer
3. Jake asked 10 children at an after-school meeting of the computer games club. What do you think of Jake's survey? Explain your answer.
4. Adam asked all of the 100 children in year 1.
What do you think of Adam's survey? Explain your answer.
5. Raffi asked 60 of his friends. What do you think of Raffi's survey?
Explain your answer
6. Claire set up a booth outside the tuckshop/canteen. Anyone who wanted to stop and fill out a survey could. She stopped collecting surveys when she got 60 kids to complete them. What do you think of Claire's survey? Explain your answer.

