Name: _____

1. Give an example of statistical data that would be best obtained by:
(a) observation

_____

(b) questionnaire

_____

2. Use an example to explain the difference between *population* and a *sample* when referring to statistical data.

_____

_____

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3. A community of 3500 people are to be surveyed. What is the minimum number of people that should be surveyed for the results to be acceptable?

4. There were 23 560 people at a concert. The ages of 200 of these people were recorded and 125 of them were younger than 20.
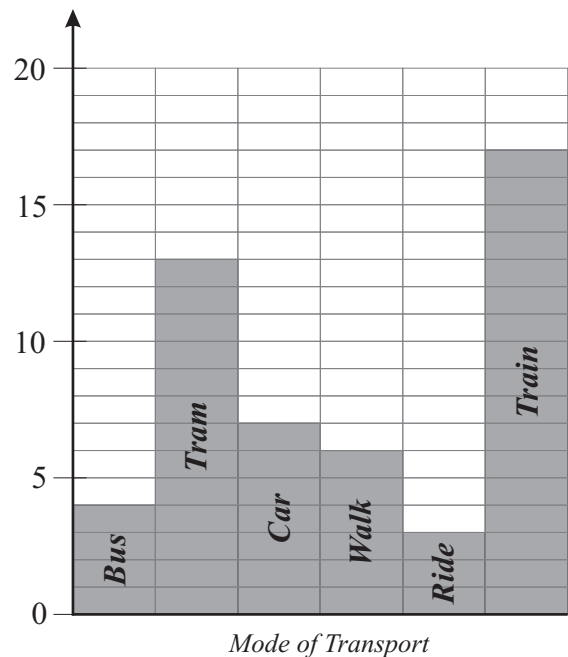(a) Is this an adequate sample size for statistical purposes?

(b) What percentage of the sample were younger than 20?

(c) Based on these figures, how many of the people at the concert were younger than 20?

5. There were 650 people who worked in a retail store. 50 of the workers were asked what transport they used to get to work each day. The results are shown on the graph below.

(a) Based on these figures, how many of the workers in the store used each of the modes of transport to get to work?

Transport	Number
Bus	
Tram	
Car	
Walk	
Ride	
Train	

(b) What percentage of the workers used public transport to get to work?