

1. Collect and record data on how wealth in Bilby is distributed. The following table might help.

Character	Number of cards	No of coins for each	Total number of coins
Ernabella			
Darwin			
Callington			
Diamantina			
Indigo			
Leonora			
Jervis			
Kiandra			
Burnie			
<b>Total wealth</b>			

Optional: To extend your thinking, add the category of gender to your data set.

2. Use a table to organise data into the following categories:
  - ▶ Great wealth – those with more than 11 coins
  - ▶ Some wealth – those with 5-8 coins
  - ▶ Little wealth – those with 1 or 2 coins
  - ▶ No wealth – those with no coins.
3. Show how the wealth of Bilby is shared by constructing both a table and a graph or graphs. Your displays should show:
  - ▶ The number of people in each wealth category
  - ▶ The total wealth of people in each wealth category
  - ▶ A breakdown of gender for each wealth category (if you included this in Question 1)
4. If possible, use a software program to create your displays. Choose appropriate displays (table and graph types) for the data.
5. What do your data displays tell you about how wealth is shared in Bilby? Refer to both the size of the population in each wealth category and the amount of wealth these people share. If possible, draw conclusions about differences in how wealth is distributed between males and females.

Optional:

6. What graph/s did you choose to represent this data and why?
7. What other graphs could you use to represent the same information? Construct this graph.
8. Which of the two is clearer?