Healthy tomato plants
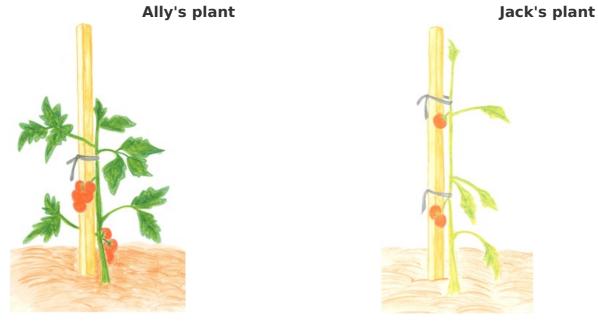
This task is about students deciding which data/variables can be measured from two pictures of plants and interpreting the measurements.

Ally and Jack each grew a tomato plant. They wanted to see who could grow the healthier plant. After three weeks they drew pictures of their plants.

Ally's plant	Jack's plant

Scale: | 1 cm = 10 cm |

. Name **three** different features of these two tomato plants that you could collect as data. Include different **types** of data if you can (i.e., data that is measured in different ways).

1. _____

2. _____

3. _____

. Which data is the most useful to show Ally has the healthiest plant?

1. _____

2. _____

3. _____

. Explain your choices for Question b.

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. Use any data about Ally's and Jack's tomato plants to:

- Put headings in the following table i) – iii)
- Record the measurements iv) – ix)

  The first column has been done for you.

Person	Number of leaves	i)	ii)	iii)
Ally	12	iv)	vi)	viii)
Jack	5	v)	vii)	ix)

. What things might have made Jack's plant grow differently to Ally's?

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