



# Gardening Statistics

I can interpret and present data using bar charts and graphs.

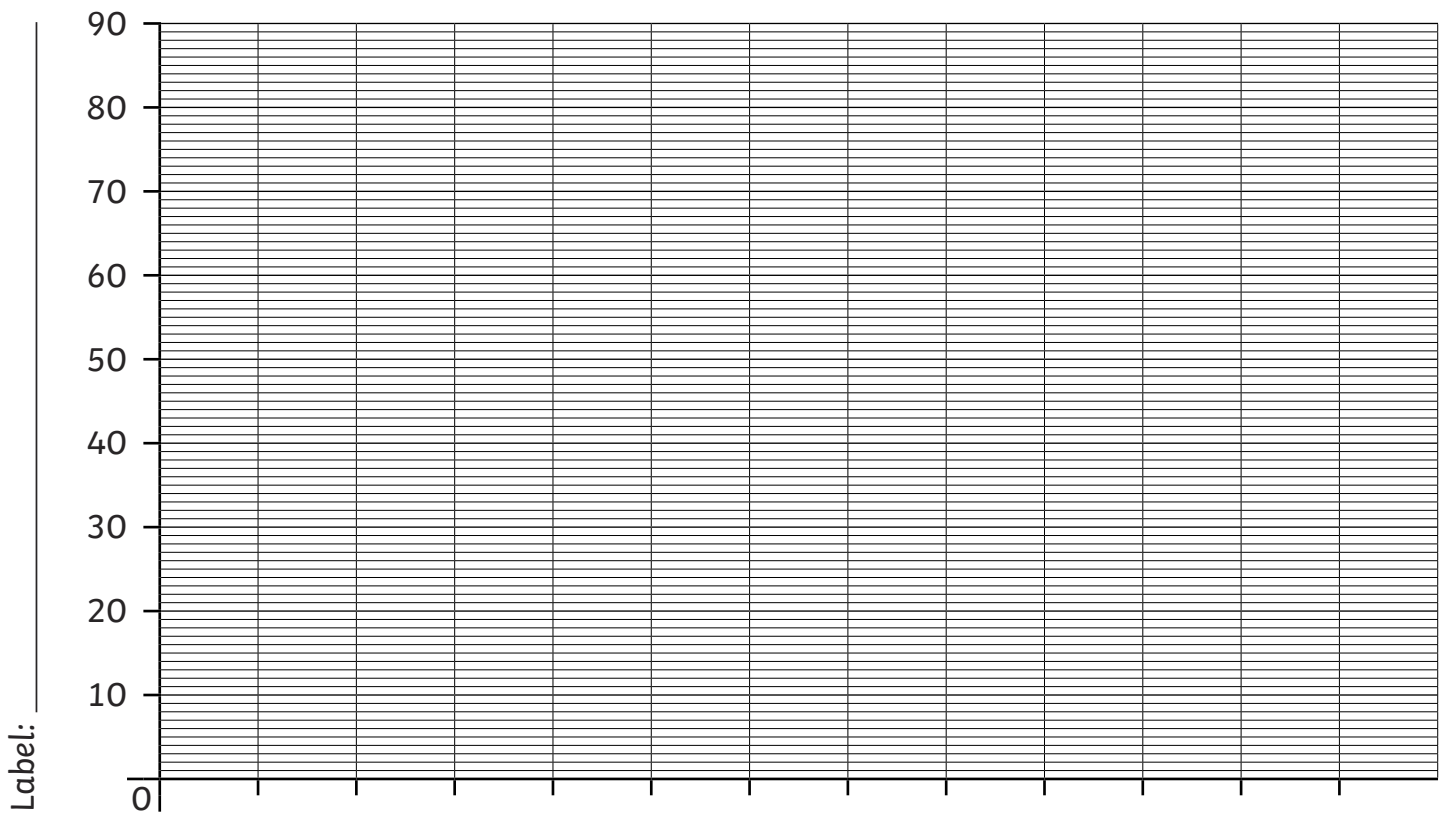


Here is a table of data that shows the heights in cm of different sunflowers.

Sunflower	1	2	3	4	5	6
Height in cm	54	63	89	77	58	66

Draw a bar chart to show the data:

A Bar Chart to Show \_\_\_\_\_



1) What is the height of the tallest sunflower?

\_\_\_\_\_

2) What type of data is the height of the sunflowers?

\_\_\_\_\_

3) What is the difference in height between sunflowers 1 and 3?

\_\_\_\_\_

4) Which two sunflowers have a height difference of 31cm?

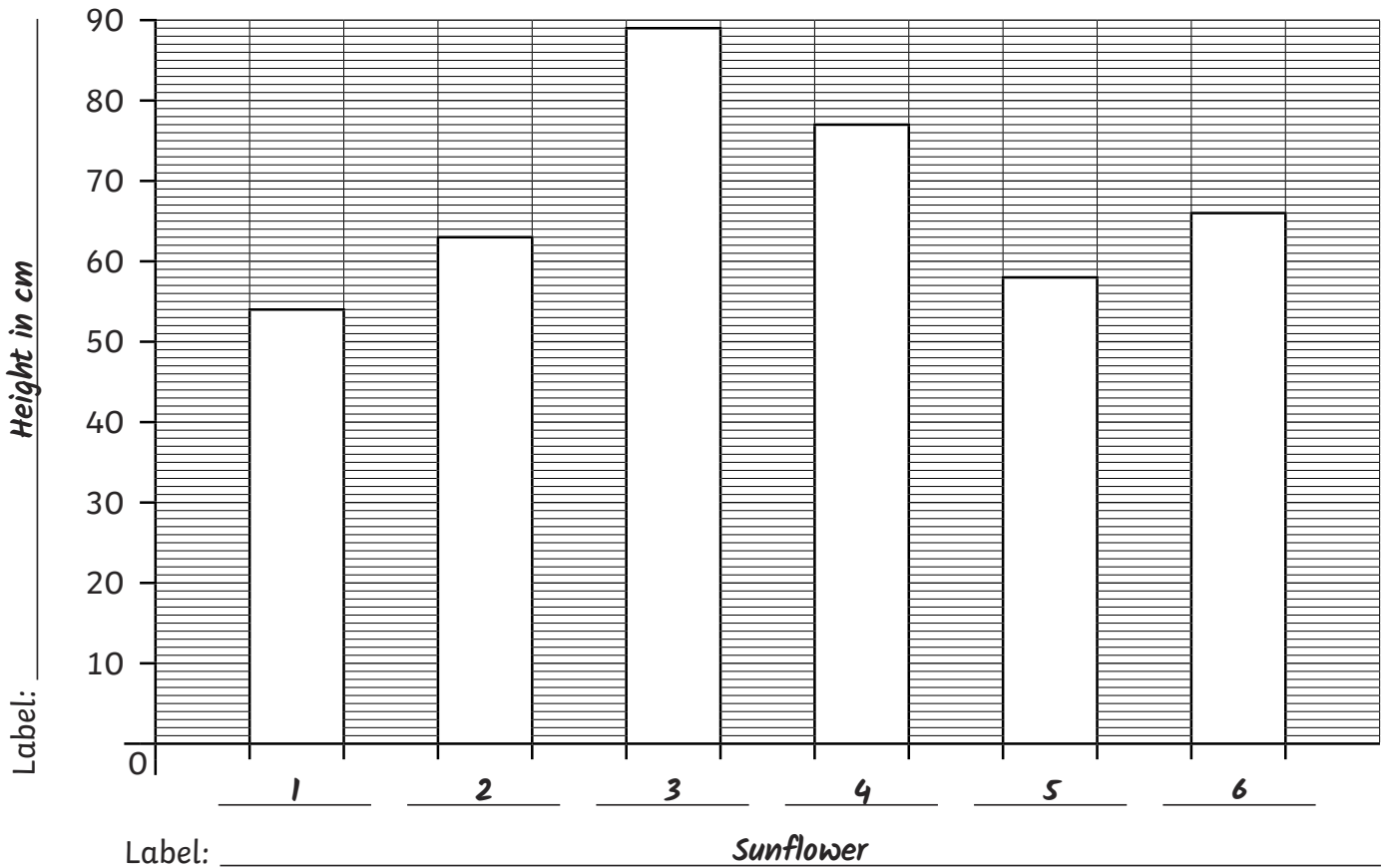
\_\_\_\_\_



# Gardening Statistics Answers

Question	Answer
	Draw a bar chart to show the data:

A Bar Chart to Show the Heights of Different Sunflowers



1. What is the height of the tallest sunflower?

*89cm*

2. What type of data is the height of the sunflowers?

*continuous*

3. What is the difference in height between sunflowers 1 and 3?

*35cm*

4. Which two sunflowers have a height difference of 31cm?

*sunflower 3 and sunflower 5*

# Gardening Statistics

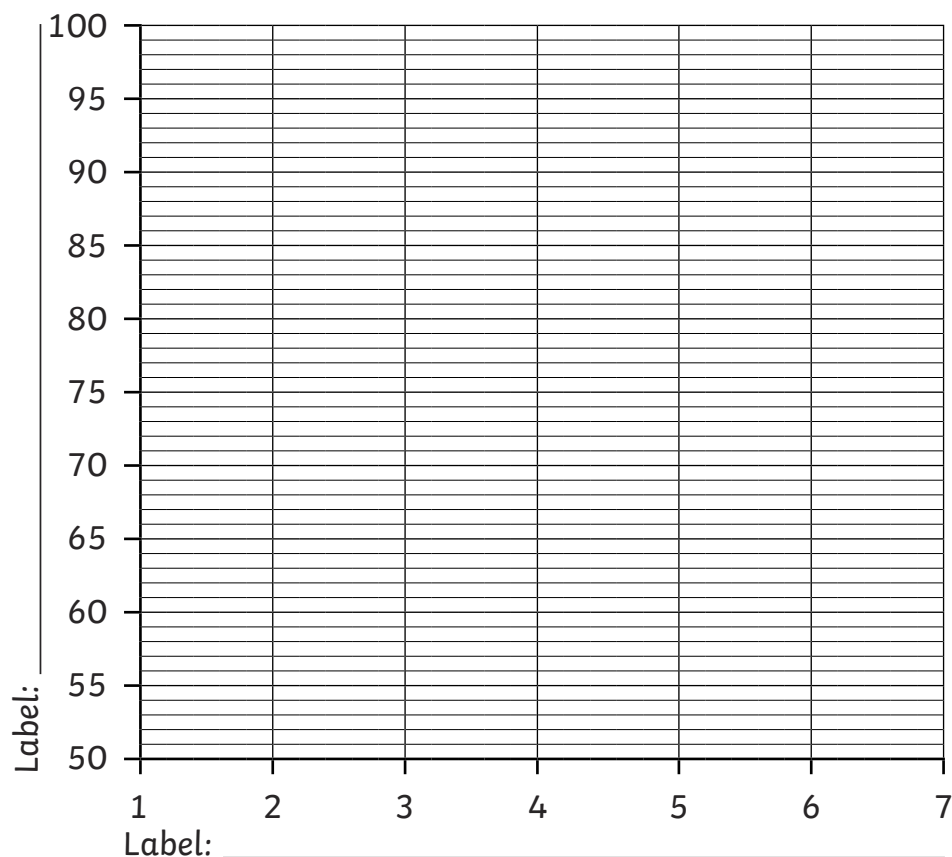
I can interpret and present data using bar charts and graphs.

Here is a table of data that shows the height of a sunflower, measured over seven weeks.

Week	1	2	3	4	5	6	7
Height in cm	51	58	68	74	80	90	95

Draw a time graph to show the data:

A Time Graph to Show \_\_\_\_\_



1) What type of data is the height of the sunflower?

\_\_\_\_\_

2) How many cm did the sunflower grow over week 1?

\_\_\_\_\_

3) How many cm did the sunflower grow over week 2 and week 3?

\_\_\_\_\_

4) How many cm did the sunflower grow altogether over the seven weeks?

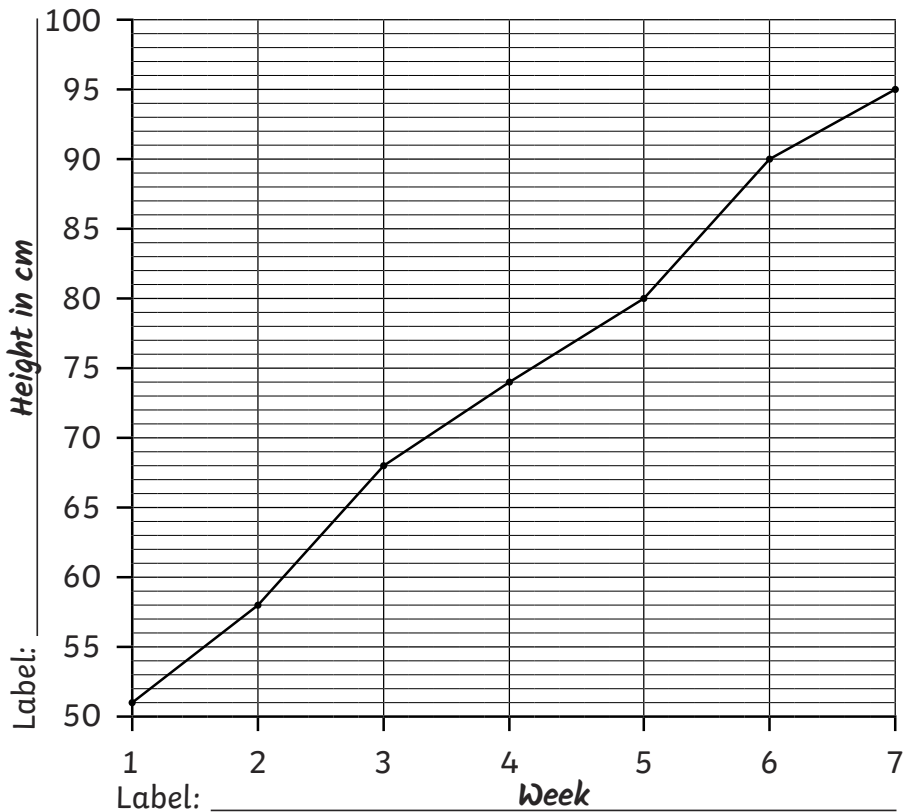
\_\_\_\_\_



# Gardening Statistics Answers

Question	Answer
	Draw a bar chart to show the data:

A Time Graph to Show the Height of a Sunflower over Seven Weeks



	What type of data is the height of the sunflower?
	<i>continuous</i>
	How many cm did the sunflower grow over week 1?
	<i>7cm</i>
	How many cm did the sunflower grow over week 2 and week 3?
	<i>16cm</i>
	How many cm did the sunflower grow altogether over the seven weeks?
	<i>44cm</i>

# Gardening Statistics

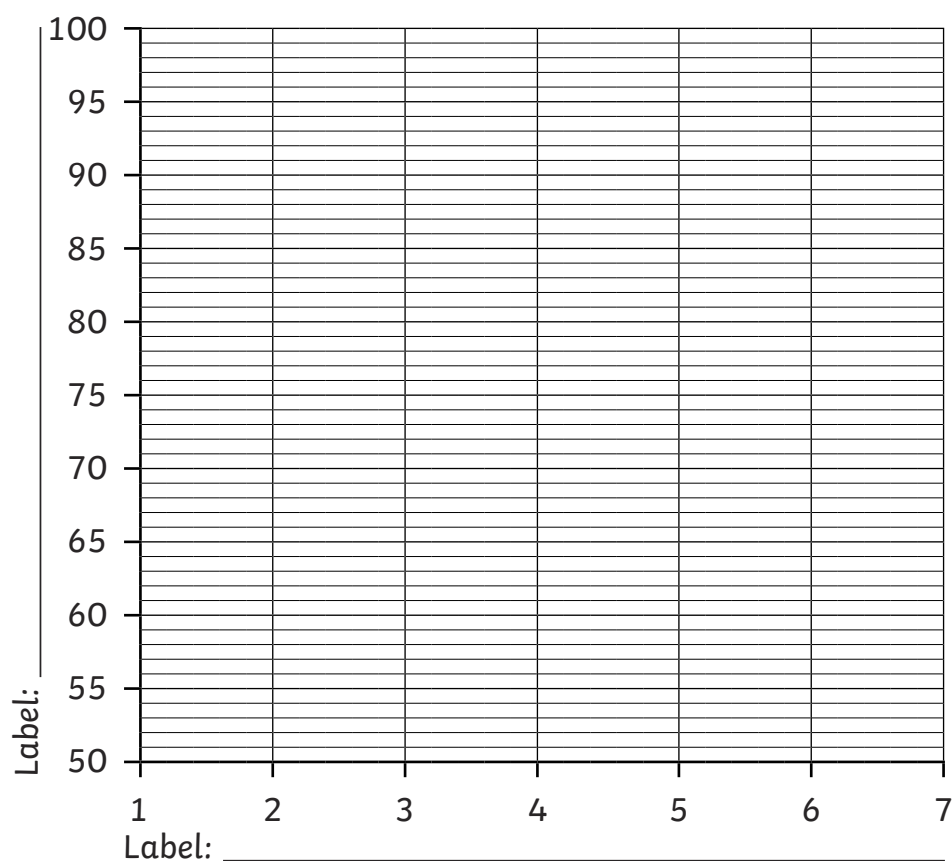
I can interpret and present data using bar charts and graphs.

Here is a table of data that shows the height of two sunflowers, measured over seven weeks.

Week	1	2	3	4	5	6	7
Sunflower 1 Height in cm	52	57	69	73	81	90	96
Sunflower 2 Height in cm	50	54	60	66	75	80	90

Draw a time graph to show the data:

A Time Graph to Show \_\_\_\_\_



Key/Legend

- - - = height of sunflower 1

—●— = height of sunflower 2



1) What type of data is the height of the sunflowers?  
\_\_\_\_\_

3) How many cm taller was sunflower 1 than sunflower 2 by week 6?  
\_\_\_\_\_

2) Which sunflower grew more over week 4?  
\_\_\_\_\_

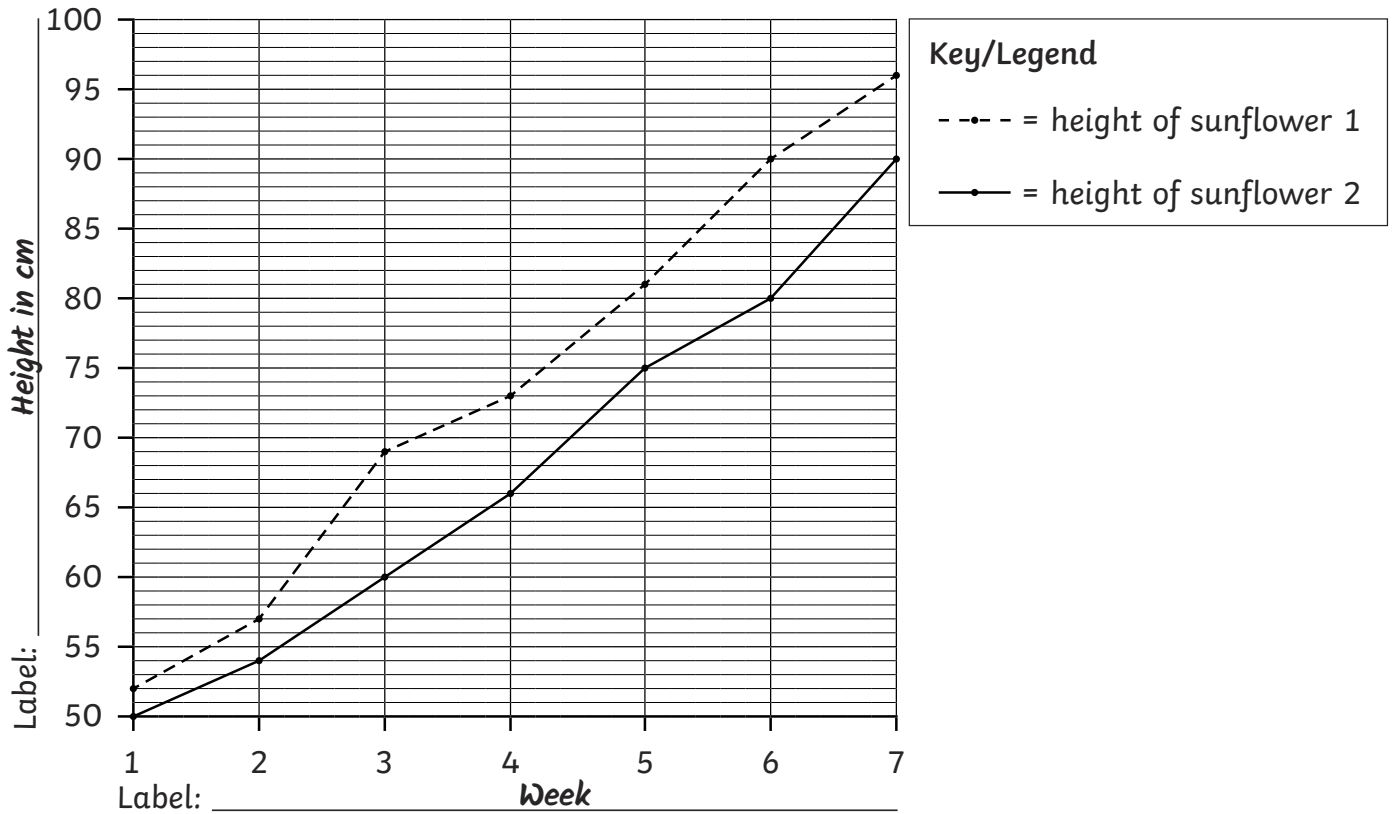
4) At which week was the height difference between the two sunflowers 3cm?  
\_\_\_\_\_



# Gardening Statistics Answers

Question	Answer
	Draw a bar chart to show the data:

A Time Graph to Show the Height of a Sunflower over Seven Weeks



	What type of data is the height of the sunflowers?
	<i>continuous</i>
	Which sunflower grew more over week 4?
	<i>sunflower 2</i>
	How many cm taller was sunflower 1 than sunflower 2 by week 6?
	<i>10 cm</i>
	At which week was the height difference between the two sunflowers 3cm?
	<i>week 2</i>