



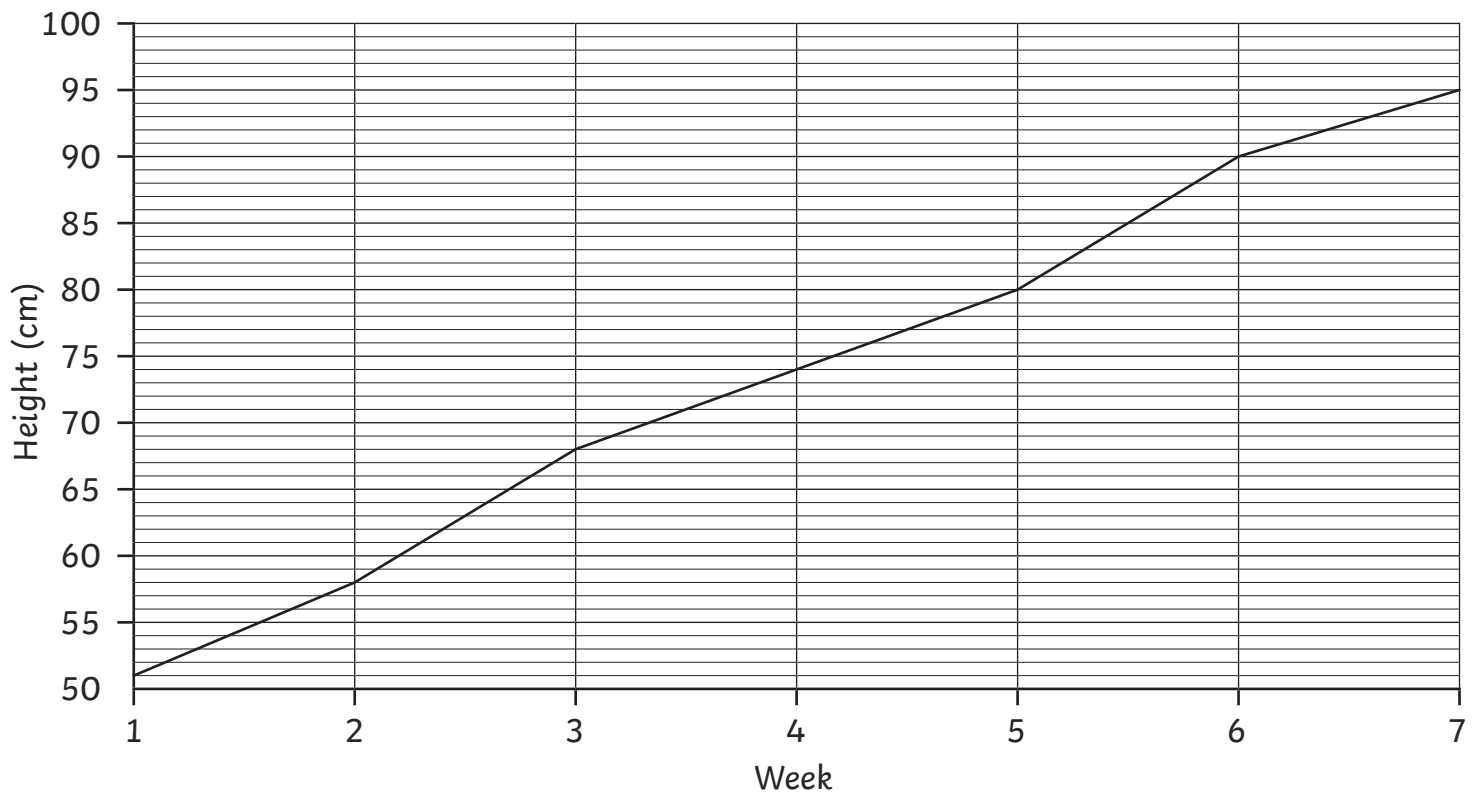
Gardening Line Graphs

I can answer questions about data presented in a line graph.



Here is a line graph that shows the height of a sunflower measured over seven weeks. Answer the questions about the line graph.

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



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

2) How many centimetres did the sunflower grow between week 1 and week 2?

3) How many centimetres did the sunflower grow from week 2 to week 4?

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



Gardening Line Graphs **Answers**

Question	Answer
1.	What type of data is the height of the sunflower?
	<i>continuous</i>
2.	How many centimetres did the sunflower grow between week 1 and week 2?
	<i>7cm</i>
3.	How many centimetres did the sunflower grow from week 2 to week 4?
	<i>16cm</i>
4.	How many centimetres did the sunflower grow over the seven weeks?
	<i>44cm</i>

Gardening Line Graphs

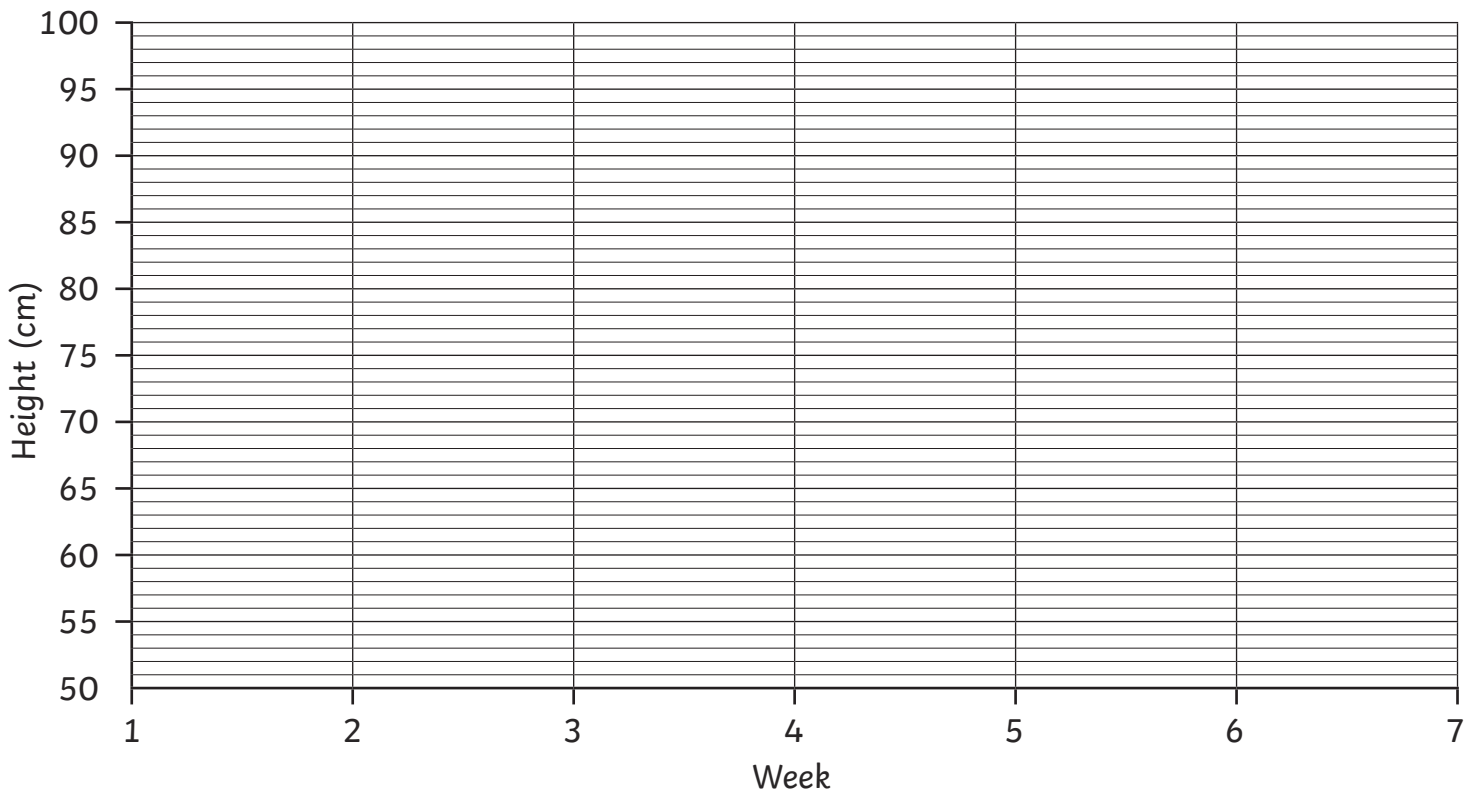
I can answer questions about data presented in a line graph.

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 (cm)	54	57	64	73	80	90	95

Draw a line graph to show the data:

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



- 1) Which type of data was used to record the height of the sunflowers?

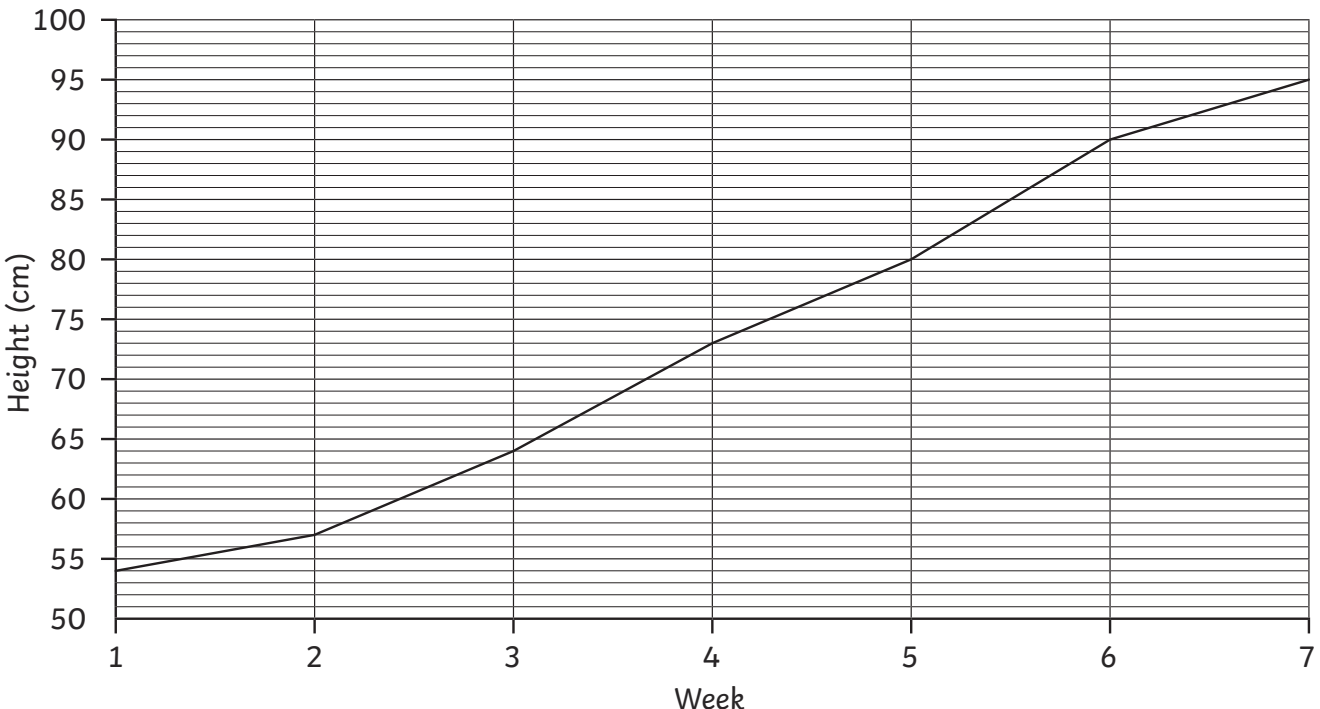
- 2) How many centimetres did the sunflower grow from week 1 to week 2?

- 3) How many centimetres did the sunflower grow from week 2 to week 4?

- 4) How many centimetres did the sunflower grow over the seven weeks?



Gardening Line Graphs Answers

Question	Answer																
	Draw a line graph to show the data:																
<p style="text-align: center;"><u>A Line Graph to Show the Height of a Sunflower over Seven Weeks</u></p>  <table border="1" data-bbox="127 492 1452 1198"><caption>Data points for the sunflower height line graph</caption><thead><tr><th>Week</th><th>Height (cm)</th></tr></thead><tbody><tr><td>1</td><td>54</td></tr><tr><td>2</td><td>57</td></tr><tr><td>3</td><td>64</td></tr><tr><td>4</td><td>73</td></tr><tr><td>5</td><td>80</td></tr><tr><td>6</td><td>90</td></tr><tr><td>7</td><td>95</td></tr></tbody></table>		Week	Height (cm)	1	54	2	57	3	64	4	73	5	80	6	90	7	95
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	<i>3cm</i>																
3.	How many centimetres did the sunflower grow from week 2 to week 4?																
	<i>16cm</i>																
4.	How many centimetres did the sunflower grow over the seven weeks?																
	<i>41cm</i>																

Gardening Line Graphs

I can answer questions about data presented in a line graph.

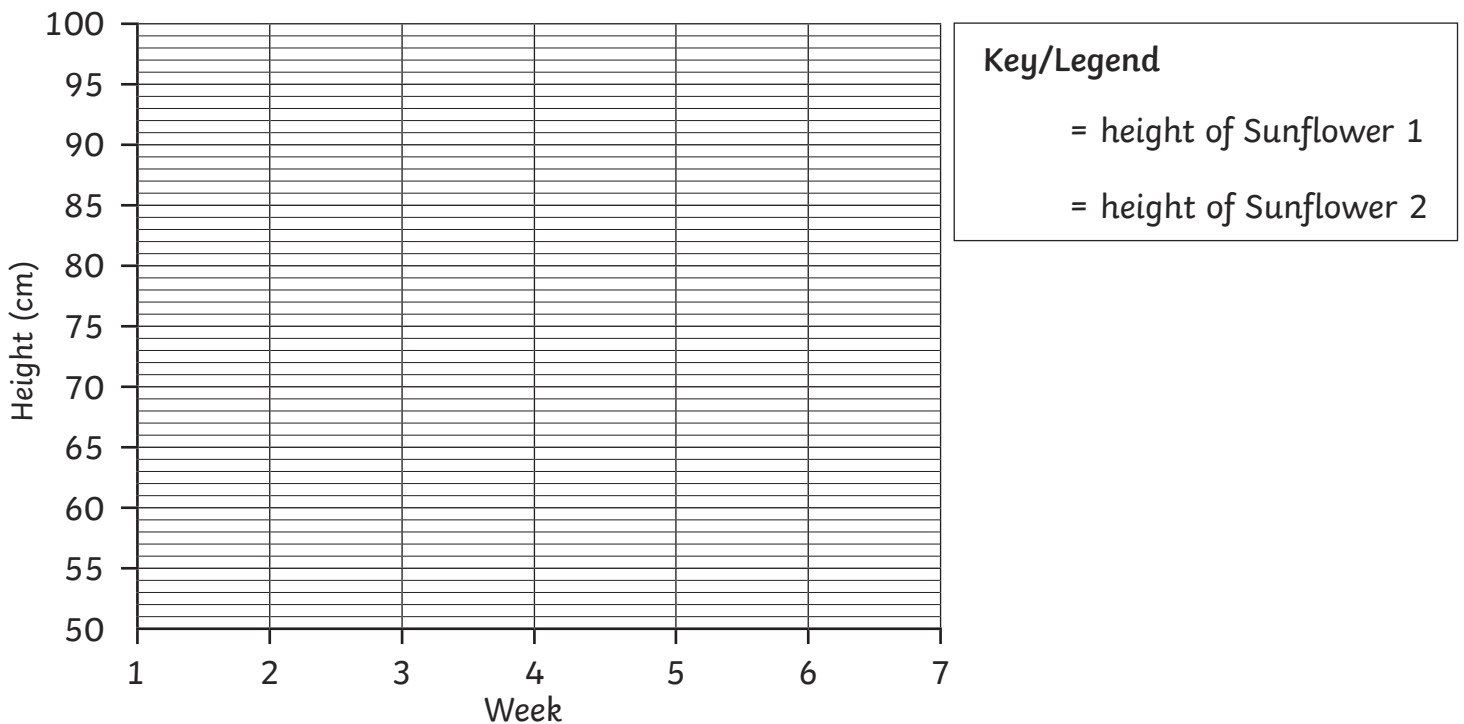
Here is a table of data that shows the height of two sunflowers measured over seven weeks.

Week	1	2	3	4	5	6	7
Height of Sunflower 1 (cm)	55	57	65	71	83	90	96
Height of Sunflower 2 (cm)	52	54	62	67	75	80	90

Draw a line graph to show the data.

Use different colours or patterns for the two lines and fill in the key to show this.

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



- 1) Which type of data was used to record the height of the sunflowers?

- 2) Which sunflower grew the most from week 4 to week 5?

- 3) How much taller was Sunflower 1 than Sunflower 2 by week 6?

- 4) At which week was the height difference between the two sunflowers 8cm?



Gardening Line Graphs Answers

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	Draw a line graph to show the data. Use different colours or patterns for the two lines and fill in the key to show this.																								
<p style="text-align: center;"><u>A Line Graph to Show the Height of a Sunflower over Seven Weeks</u></p> <table border="1"><caption>Data from the Line Graph</caption><thead><tr><th>Week</th><th>Sunflower 1 Height (cm)</th><th>Sunflower 2 Height (cm)</th></tr></thead><tbody><tr><td>1</td><td>55</td><td>52</td></tr><tr><td>2</td><td>57</td><td>54</td></tr><tr><td>3</td><td>65</td><td>62</td></tr><tr><td>4</td><td>71</td><td>67</td></tr><tr><td>5</td><td>83</td><td>75</td></tr><tr><td>6</td><td>90</td><td>80</td></tr><tr><td>7</td><td>96</td><td>90</td></tr></tbody></table> <p>Key/Legend - - - = height of Sunflower 1 — = height of Sunflower 2</p>		Week	Sunflower 1 Height (cm)	Sunflower 2 Height (cm)	1	55	52	2	57	54	3	65	62	4	71	67	5	83	75	6	90	80	7	96	90
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