

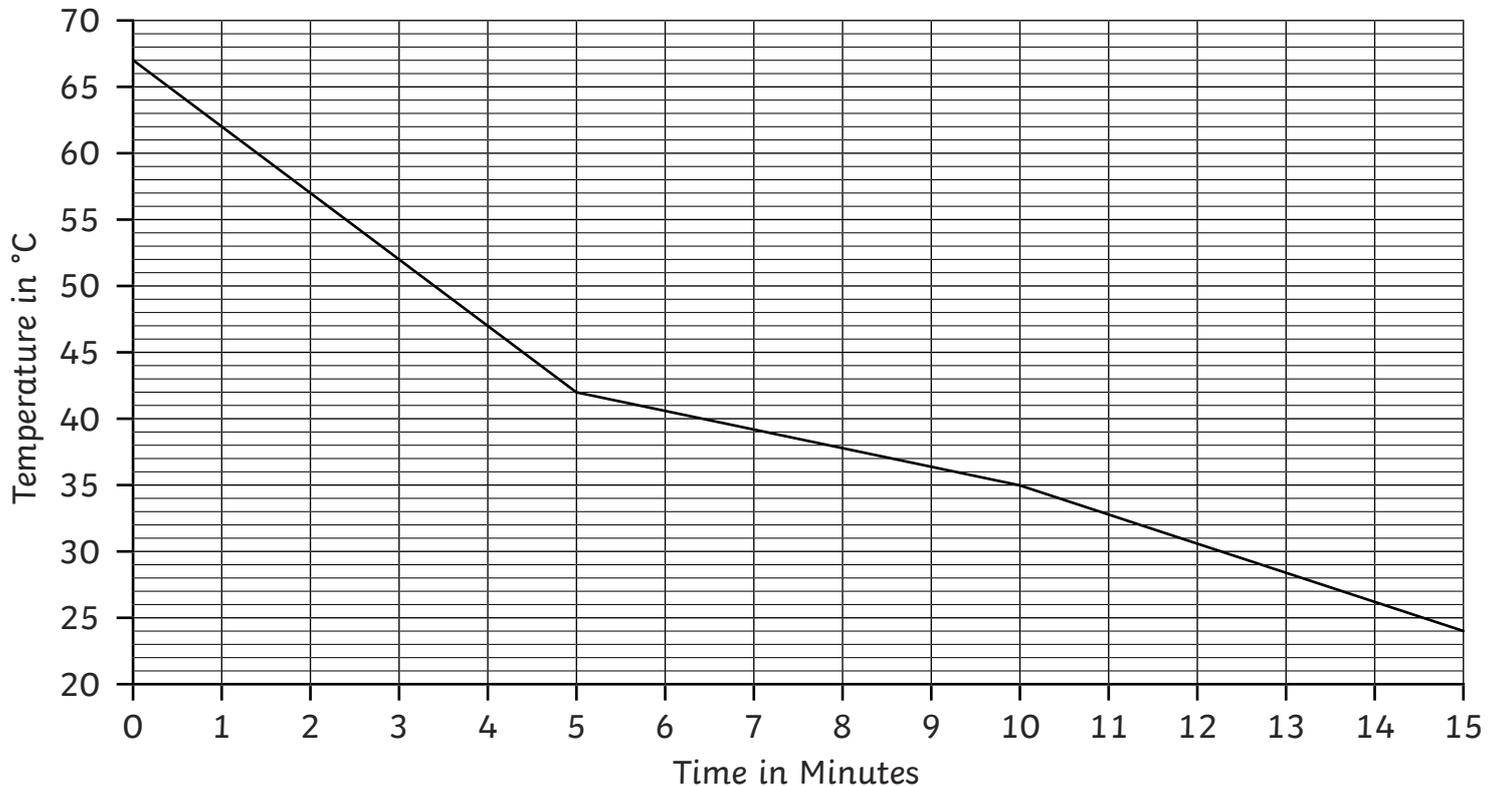


Hot Drinks Line Graphs

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



A Line Graph to Show the Change in Temperature of a Cup of Hot Chocolate



- 1) What was the temperature of the hot chocolate at minute 10?

- 2) What was the temperature of the hot chocolate at minute 3?

- 3) At which minute was the temperature 42°C?

- 4) By how many degrees did the temperature of the hot chocolate cool from minute 2 to minute 3?

- 5) By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 10?

- 6) By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 6?

- 7) What was the temperature of the hot chocolate at the start of the investigation?

- 8) Approximately, how long did it take the hot chocolate to drop to half of its starting temperature?

- 9) By how many degrees did the temperature of the hot chocolate cool altogether?



Hot Drinks Line Graphs **Answers**

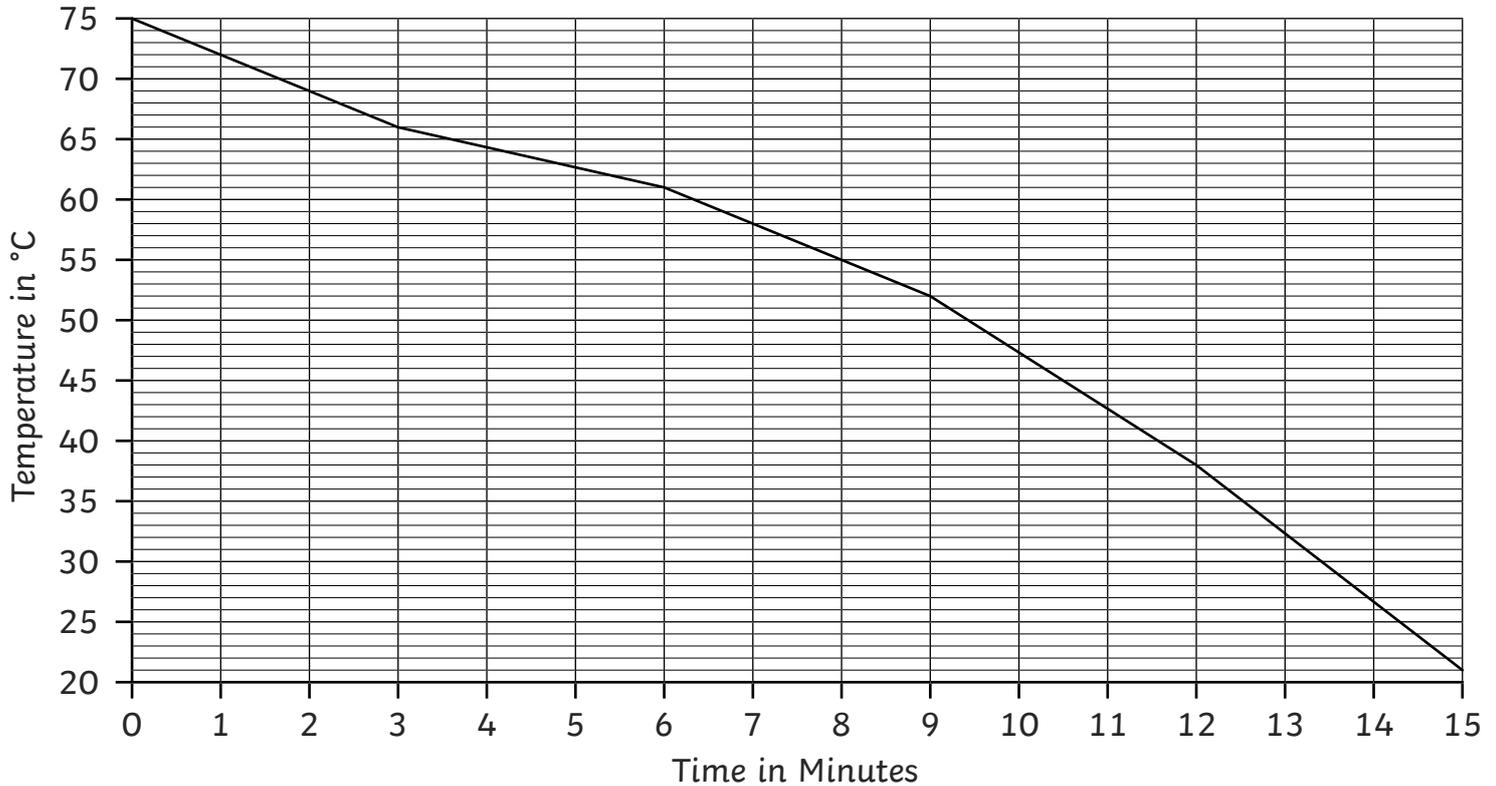
Question	Answer
1.	What was the temperature of the hot chocolate at minute 10?
	35°C
2.	What was the temperature of the hot chocolate at minute 3?
	52°C
3.	At which minute was the temperature 42°C?
	Minute 5
4.	By how many degrees did the temperature of the hot chocolate cool from minute 2 to minute 3?
	5°C
5.	By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 10?
	7°C
6.	By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 6?
	1°C
7.	What was the temperature of the hot chocolate at the start of the investigation?
	67°C
8.	Approximately, how long did it take the hot chocolate to drop to half of its starting temperature?
	11 minutes
9.	By how many degrees did the temperature of the hot chocolate cool altogether?
	43°C

Hot Drinks Line Graphs

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



A Line Graph to Show the Change in Temperature of a Cup of Hot Chocolate



- 1) What was the temperature of the hot chocolate at the start of the investigation?

- 2) What was the temperature of the hot chocolate at minute 6?

- 3) What was the temperature of the hot chocolate at approximately 9 minutes and 30 seconds?

- 4) During which minute was the temperature 68°C?

- 5) By how many degrees did the temperature of the hot chocolate cool from minute 3 to minute 6?

- 6) By how many degrees did the temperature of the hot chocolate cool from minute 7 to minute 10?

- 7) How long did it take the temperature of the hot chocolate to drop by 20°C?

- 8) By how many degrees did the temperature of the hot chocolate cool altogether?

- 9) For approximately how long was the temperature of the hot chocolate between 50°C and 40°C?



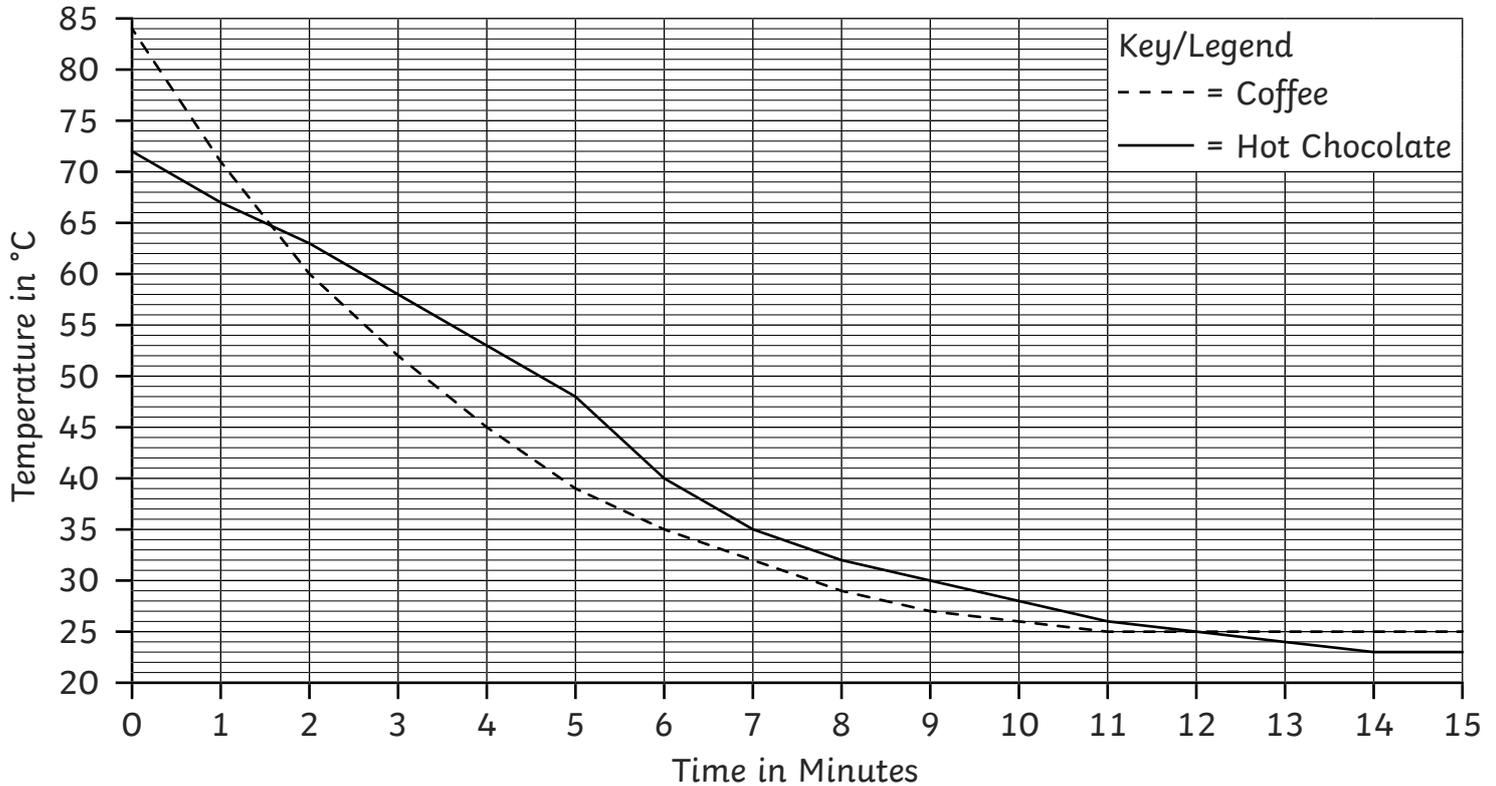
Hot Drinks Line Graphs **Answers**

Question	Answer
1.	What was the temperature of the hot chocolate at the start of the investigation?
	75°C
2.	What was the temperature of the hot chocolate at minute 6?
	61°C
3.	What was the temperature of the hot chocolate at approximately 9 minutes and 30 seconds?
	50°C
4.	During which minute was the temperature 68°C?
	Minute 2
5.	By how many degrees did the temperature of the hot chocolate cool from minute 3 to minute 6?
	5°C
6.	By how many degrees did the temperature of the hot chocolate cool from minute 7 to minute 10?
	11°C
7.	How long did it take the temperature of the hot chocolate to drop by 20°C?
	8 minutes
8.	By how many degrees did the temperature of the hot chocolate cool altogether?
	54°C
9.	For approximately how long was the temperature of the hot chocolate between 50°C and 40°C?
	2 minutes

Hot Drinks Line Graphs

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

A Line Graph to Show the Change in Temperature of a Cup of Hot Chocolate



- 1) What was the temperature of the hot chocolate at minute 4?

- 2) During which minute was the temperature of the coffee 50°C?

- 3) By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 8?

- 4) Approximately how long did it take the temperature of the coffee to drop by 20°C?

- 5) For how long was the temperature of the hot chocolate between 40°C and 30°C?

- 6) Which drink had a warmer temperature at minute 10?

- 7) Which drink had cooled more by minute 2?

- 8) What was the difference in temperature between the coffee and hot chocolate at minute 5?

- 9) What is the difference in the amount of degrees that each drink cooled altogether?



Hot Drinks Line Graphs **Answers**

Question	Answer
1.	What was the temperature of the hot chocolate at minute 4?
	53°C
2.	During which minute was the temperature of the coffee 50°C?
	Minute 3
3.	By how many degrees did the temperature of the hot chocolate cool from minute 5 to minute 8?
	16°C
4.	Approximately how long did it take the temperature of the coffee to drop by 20°C?
	1 minute 30 seconds
5.	For how long was the temperature of the hot chocolate between 40°C and 30°C?
	3 minutes
6.	Which drink had a warmer temperature at minute 10?
	hot chocolate
7.	Which drink had cooled more by minute 2?
	coffee
8.	What was the difference in temperature between the coffee and hot chocolate at minute 5?
	9°C
9.	What is the difference in the amount of degrees that each drink cooled altogether?
	10°C