



Strauss Preparatory School

Name: _____

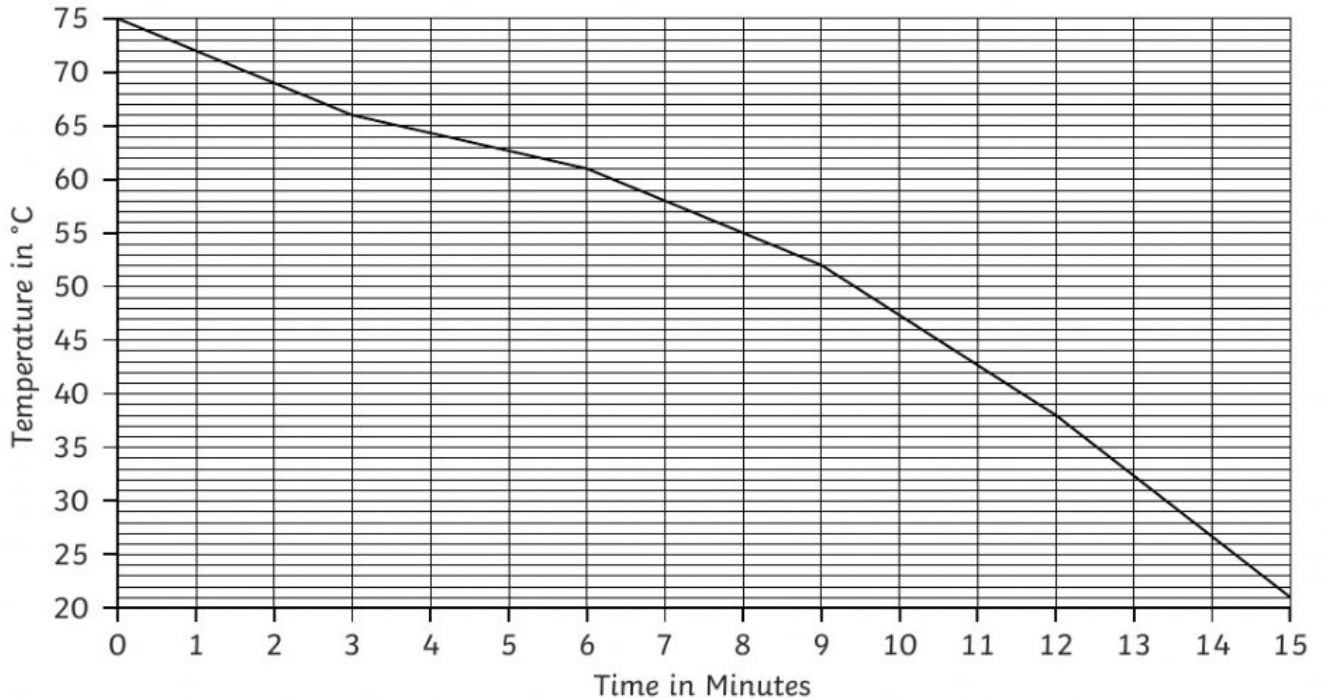
Class: Year 4

Date: _____

Subject: Math

Learning objective: 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?
