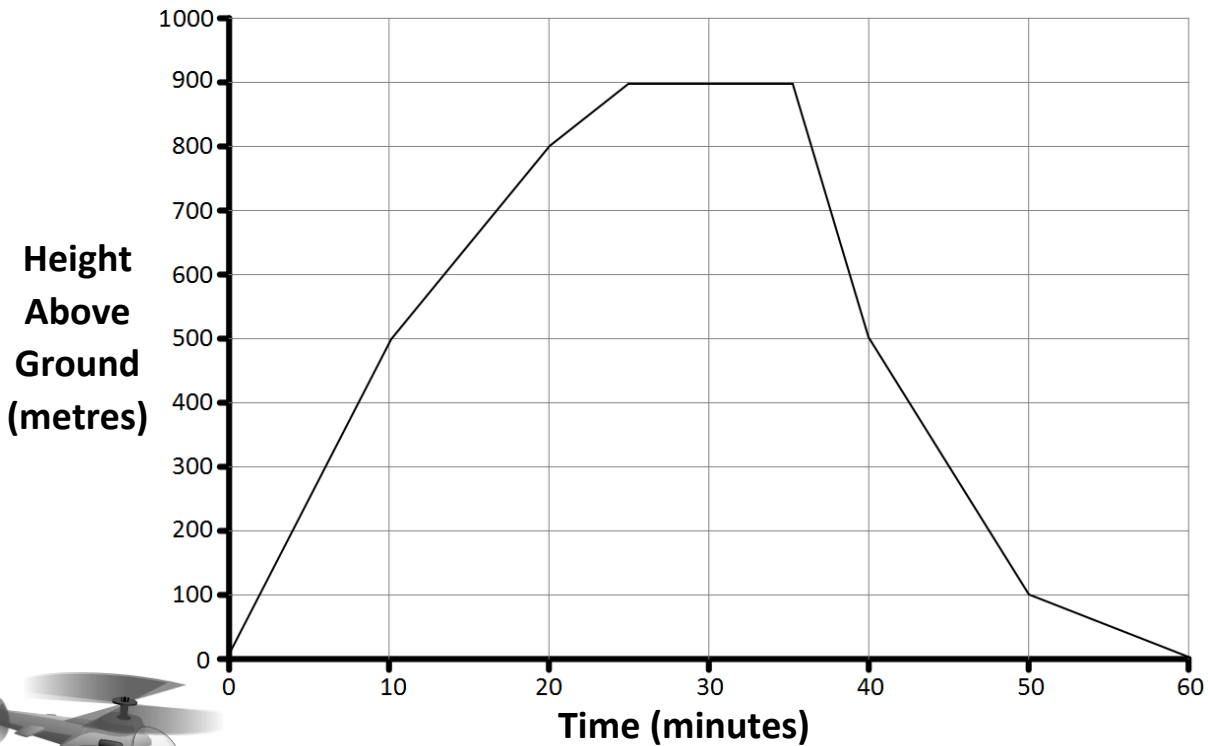


Worksheet 2

This **time graph** shows the height that a helicopter reaches during a one-hour flight:



Now answer the following questions about this time graph:

How long did it take the helicopter to reach a height of **500 metres**?



At what **height** was the helicopter after **40 minutes**?



Estimate how long the helicopter was at a height of **900 metres** for:



By how many **metres** did the helicopters height **decrease between 40 and 50 minutes**?



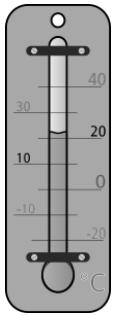
Estimate how long after take-off it took the helicopter to reach its **greatest height**?



Estimate the **height** of the helicopter after **15 minutes**:



This table shows the temperature of the Year 4 classroom during a school day:

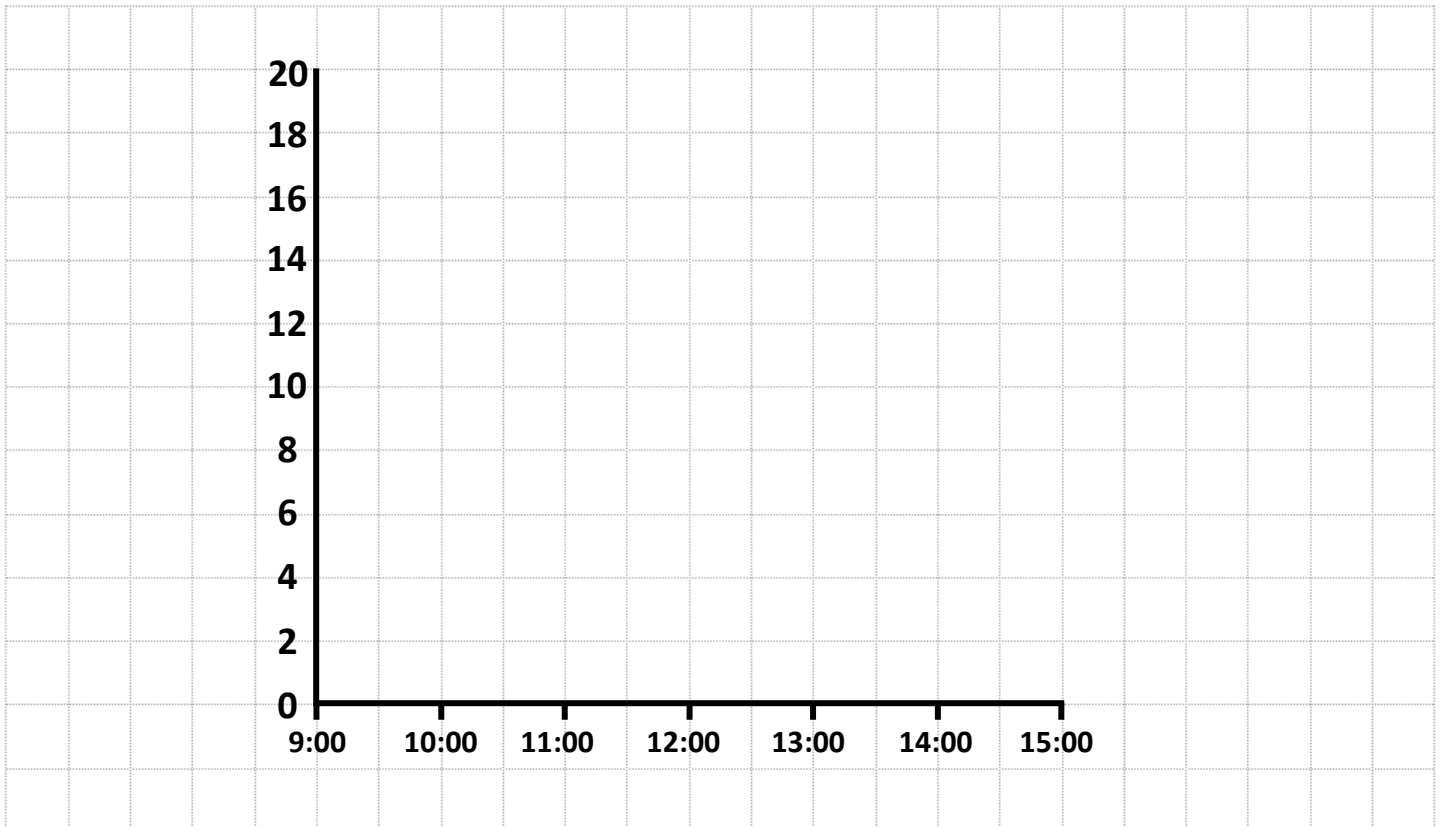


Time	Temperature (°C)
9:00	8
10:00	16
11:00	18
12:00	19
13:00	15
14:00	17
15:00	20



Use this information to **label** and then draw the **line** onto this **time graph**.
Draw the points on the graph and then join them up using straight lines and a ruler.

Temperature of a Classroom



Now write four questions for a partner to answer:

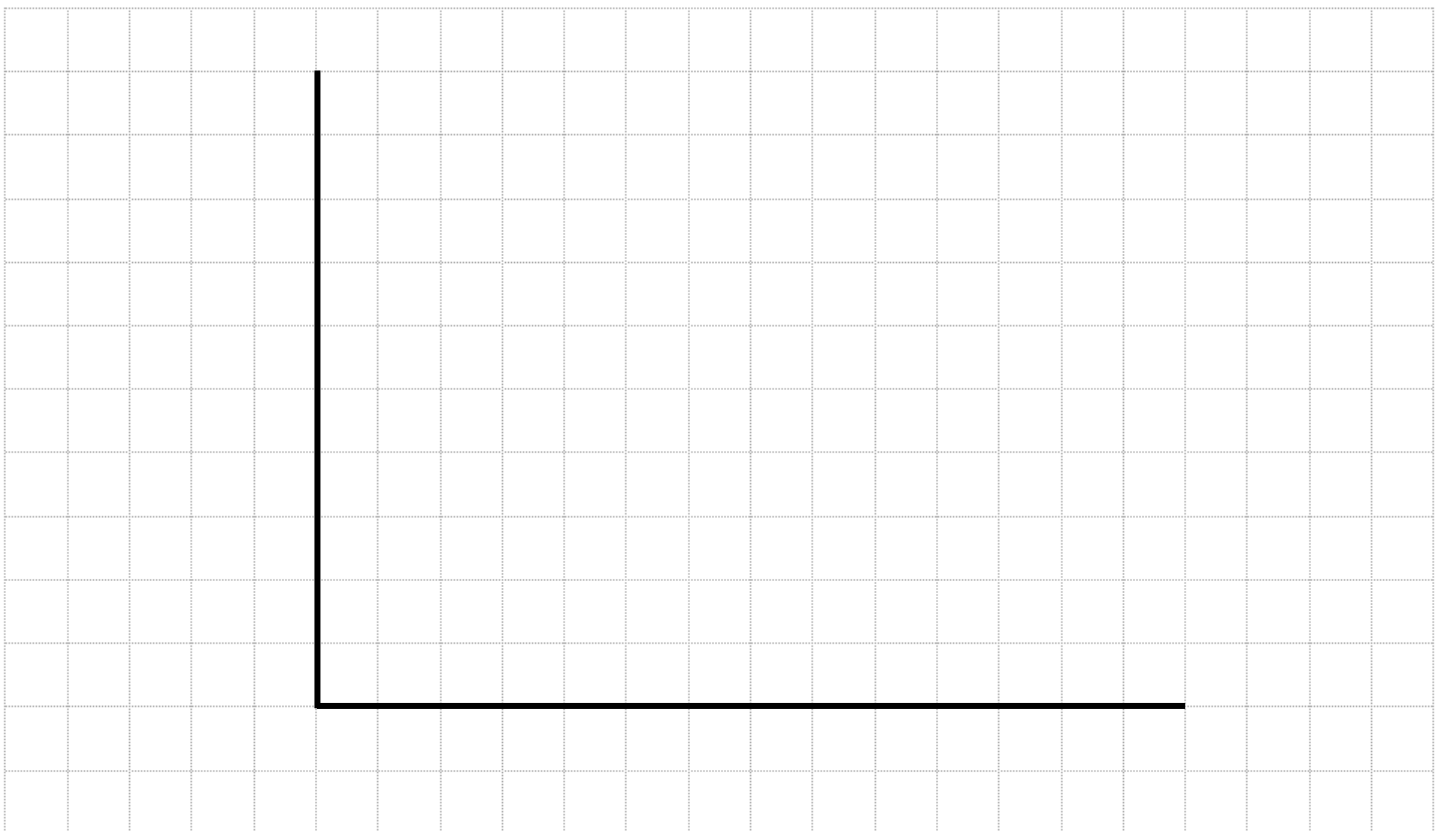
1. _____
2. _____
3. _____
4. _____

This table shows the distance a cyclist travelled during a 7-hour bike ride:



Time (hours)	Distance Cycled (km)
1	15
2	23
3	40
4	70
5	70
6	82
7	88

Use this information to create a time graph to show the distance cycled over time. Remember that your time graph needs: a **title**, **labels**, a **scale** and an accurately drawn **line**. The **axes** have been drawn for you!



Now write four questions for a partner to answer:

1. _____
2. _____
3. _____
4. _____