Look at the information below. Draw a line graph to show the temperatures over the course of the day.

Time	8:00 am	10:00 am	12:00 pm	2:00 pm
Temperature in °C	8	12	14	16

Time	4:00 pm	6:00 pm	8:00 pm	10:00 pm
Temperature in °C	18	16	10	6

Now answer the questions using your line graph.

At what times is the temperature:

1 16 °C? 2 10 °C? 3 8 °C? 4 13 °C?

What is the approximate temperature at:

5 9:00 am? 6 1:00 pm? 7 3:00 pm? 8 5:00 pm?

9 How much hotter is the temperature at 6:00 pm than at 10:00 am?

10 How much cooler is the temperature at 10:00 pm than at 10:00 am?

11 Estimate the approximate time in the evening when the temperature is 7 °C.

12 Do you think that the temperature might have got above 18 °C during this day? Explain your answer.

THINK Sketch a line graph for how the temperature might change during the course of a day in a house.

I am confident with drawing line graphs using given information