This task is about heat conduction.

a) In Box 3, diagram (a), put the letters A, B, and C to show the thermometer positions, so that they match the graph.

Box 1	Box 2				
Aim: To measure the rate of temperature change of a material at different distances from a heat source.	Results:		A		
		6 8 10 12 14	C 16 18 20		
	Box 3 (diag	Time (mins)			
(a) Birds eye view		nt view	KEY		
(a) bitus eye view			Heat source Test material Thermometer Position of thermometer		
Α		B		С	
b) How long after the start of the experiment, was the heat source removed?					
c) What was the tem	perature of C	after 8 minute	s? C		
d) How long did it take for A to reach 40°C? minutes					
e) Which thermometer positions produced a temperature of at least 35° C? <i>(select as many as you think)</i>					
0 A		ОВ		O C	
f) What was the temperature difference between A and C at 14 minutes?					
g) The materials were left to cool for another hour. What would be the probable temperature of B at					

that time? °C