SMART EXAM RESOURCES CAMBRIDGE LOWER SECONDARY

STAGE 7 PAST PAPERS

MATHS

INTEGERS-SET-2

Answer	°C [1]

Answer	°C	Γ1 [·]	1
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-13.1	1	

The average temperatures in Moscow for each month are shown in the table below. 2

Mo	nth	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Ten	nperature °C	-10	-8.9	-4. 0		12.2	16.3	18.5				-2.0	-7.5

(a)	Which month has the	lowest average	temperature?
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Answer(a)	11	
Answeriai	1 1	

e din. **(b)** Find the difference between the average temperatures in July and December.

Answer(b)
$$^{\circ}$$
C [1]

(a)	Jan	B1	Not just –10.2 but ignore if incl
(b)	26(.0)	B1	Allow –26

On a winter's day in Vienna the maximum temperature was -2°C. The minimum temperature was 11°C lower than this. Write down the minimum temperature.

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-13	1	Not 13-

4 In May, the average temperature in Kiev was 12 °C.

In February, the average temperature was 26 °C lower than in May.

What was the average temperature in February?

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-14	1	

	rtin recorded the outside temperature evon 0700 the temperature was -2° C.	ery three hours.	
(a)	This was 5°C higher than the temperate Write down the temperature at 0400.	ure at 04 00.	
		Answer(a)	°C [1]
(b)	At 1000 the temperature was 11°C. Write down the increase in temperature	e between 0700 and 100	00.
		Answer(b)	°C [1]

(a) -7	1	
(b) 13	1	
	1	

		esert the temperature at noon was 38°C. dnight the temperature was –3°C.				
(a	a) F	find the change in temperature between r	noon and mid	night.		
			Answer(a)		°C	[1]
(b	•	At 02 00 the temperature was 4°C below. Write down the temperature at 02 00.	the midnight	temperature.		
			Answer(b)		°C	[1]

	1	
(a) 41 or -41	1	
(b) −7	1	
(b) -7		