

DIRECTED NUMBERS-SET-2

1	<p>On a mountain, the temperature decreases by 6.5°C for every 1000 metres increase in height. At 2000 metres the temperature is 10°C.</p> <p>Find the temperature at 6000 metres.</p> <p style="text-align: right;"><i>Answer</i> $^{\circ}\text{C}$ [2]</p>		
MS-1	-16	2	M1 for 4×6.5
2	<p>At midnight the temperature in Newtown was -8°C. At noon the next day the temperature in Newtown was 9°C.</p> <p>Work out the rise in temperature from midnight to noon.</p> <p style="text-align: right;"><i>Answer</i> $^{\circ}\text{C}$ [1]</p>		
MS-2	[+]17	1	
3	<p>Write down the difference in temperature between 8°C and -9°C.</p> <p style="text-align: right;"><i>Answer</i> $^{\circ}\text{C}$ [1]</p>		
MS-3	17	1	
4	<p>Write down the temperature which is 5°C below -2°C.</p> <p style="text-align: right;">..... $^{\circ}\text{C}$ [1]</p>		
MS-4	-7	1	

5	<p>At midnight the temperature in Newtown was -8°C. At noon the next day the temperature in Newtown was 9°C.</p> <p>Work out the rise in temperature from midnight to noon.</p> <p style="text-align: right;"><i>Answer</i> $^{\circ}\text{C}$ [1]</p>			
MS-5	[+]17	1		
6	<p>Write down the temperature which is 5°C below -2°C.</p> <p style="text-align: right;">..... $^{\circ}\text{C}$ [1]</p>			
MS-6	-7	1		
7	<p>One day, at noon, in Maseru, the temperature was 17°C. At midnight the temperature was 20°C lower.</p> <p>Work out the temperature at midnight.</p> <p style="text-align: right;">..... $^{\circ}\text{C}$ [1]</p>			
MS-7	-3	1		