

## Negative Number Word Problems

- 1.) Susan had £43 in the bank. She spent £65 on shoes. By how much was she overdrawn? **£22**
- 2.) At 6am, the temperature in Eastbourne was  $-2^{\circ}\text{C}$ . By 2pm it had risen by  $19^{\circ}\text{C}$ . What was the temperature in Eastbourne now?  **$17^{\circ}\text{C}$**
- 3.) How much debt would I be in if I spent £235 but only have £128 in the bank? **£107**
- 4.) If it is  $-26^{\circ}\text{C}$  in Canada and  $34^{\circ}\text{C}$  in Australia, what is the difference in temperature?  **$60^{\circ}\text{C}$**
- 5.) Jessica was given £80 for her birthday. She bought a pair of shoes for £59.50 and a pair of jeans for £43.20. How much debt was she in? **£22.70**
- 6.) Reece's house had a temperature of  $12^{\circ}\text{C}$ . He put the heating on and the temperature rose by  $8.4^{\circ}\text{C}$ . As he was still cold, Reece decided to light a fire which increased the temperature by a further  $13.8^{\circ}\text{C}$ . What was the temperature in the house now?  **$34.2^{\circ}\text{C}$**
- 7.) Mr and Mrs Smith had £367 in their bank account. At the end of the month they had to pay three bills. Their telephone bill was £96.40, their gas bill was £203.20 and their electricity bill was £145.30. How much would Mr and Mrs Smith need to pay into their account to clear their overdraft?  
**£77.90**
- 8.) At 4pm the temperature in Sydney, Australia was  $28^{\circ}\text{C}$ . By 2am, it had dropped by  $15.4^{\circ}\text{C}$ , but by 10am the following morning it had risen by  $11^{\circ}\text{C}$ . What was the temperature in Sydney now?  **$23.6^{\circ}\text{C}$**
- 9.) Martin was £56.80 overdrawn. He had to spend £234.30 on his car. What was the total of his debt now? **£291.10**
- 10.) Rebecca made a cup of tea with a temperature of  $90^{\circ}\text{C}$ . She left it to cool, but forgot about it for 20 minutes, which meant that its temperature dropped by  $74^{\circ}\text{C}$ . She decided to reheat her tea in the microwave which increased its temperature by  $58.7^{\circ}\text{C}$ , and then she drank it. How hot was her tea at the point of drinking?  **$74.7^{\circ}\text{C}$**