Skillswise

Solving problems - answers

1. A cash machine only has £20 notes. Neelam wanted to take out £30 in cash to pay for a concert ticket. What is the smallest amount of money she will have to take out?

Step 1 **Read and understand the problem.**	This is about money - how much cash to take out of a cash machine.
Step 2 **Work out what calculations you need to do,**	Find out how many lots of £20 are needed to make £30.
Step 3 **Do the calculations and answer the problem.**	One way to calculate this would be to count in 20s until you reach or pass 30 (ie 20, 40). She will have to take out £40.
Step 4 **Check your answer.**	Try taking away what Neelam needs from your answer: 40 - 30 = £10 She has some left over, so she took out enough. As it's less than £20 she hasn't taken out too much.

2. Neelam buys a burger at the concert for £4.85. She pays with a £10 note. How much change does she receive?

Step 1 **Read and understand the problem.**	This is about money and change.
Step 2 **Work out what calculations you need to do.**	Work out change from £10. Subtraction. £10 - £4.85
Step 3 **Do the calculations and answer the problem.**	£10 - £4.85 Try counting up from £4.85: 15p to £5, then £5 to £10. Total change should be £5.15.
Step 4 **Check your answer.**	Try adding £5.15 to £4.85: 15p + 85p = £1 £5 + £4 = £9 Total = £10 The answer of £5.15 was correct.