

Cambridge Home Learning

Answer Sheet

Notes: Maria's sweets

6 to 8

Solution and notes

Maria bought:
five 2p toffees, fifty 1p chews, eight 5p lollipops.

Work systematically. Try one 2p toffee, which implies ten 1p chews and a total so far of 12p. The remaining 88p cannot be used to buy an exact number of 5p lollipops.

Now try two 2p toffees, and so on.

Extension

In how many different ways can you spend exactly £1 using 10p, 20p and 50p coins?
(9 different ways)

Count in groups of 1p, 2p or 5p; find totals to £1
Work systematically