

## Puzzle time

## Loose change



Here's an interesting little puzzle for you.
You may need to raid your piggy bank or find some other loose change to help you answer this one!


I have a whole load of coins in my pocket, but I do not have exact change for one pound.

What is the maximum possible amount of change I could have in my pocket if I do not have any £2 coins?


Remember there are $1 \mathrm{p}, 2 \mathrm{p}, 5 \mathrm{p}, 10 \mathrm{p}, 20 \mathrm{p}$, 50p, £1.



## Puzzle time

## Change for a pound - answer.

I have a whole load of coins in my pocket, but I do not have exact change for one pound.


What is the maximum possible amount of change I could have in my pocket?


Wow! Plenty of thinking to solve this puzzle!
So,we think that the answer is: ten coins with these amounts:


