Put four coins on a table, in a row, all tails up, like this:



Turn any three coins over: this counts as one move.

You **must** turn three different coins to complete one move!

How many moves will it take to get all the coins on heads?

Source: http://www.mathsphere.co.uk/downloads/maths-puzzles/maths-puzzle-17-head-over-tails.pdf

Solution:

