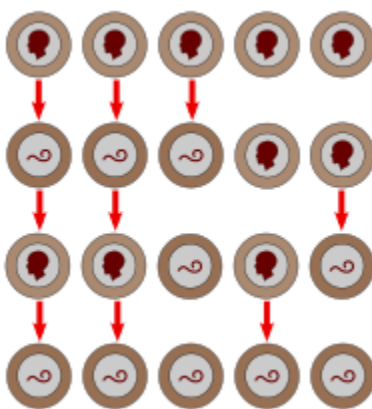


# Puzzle of the Week

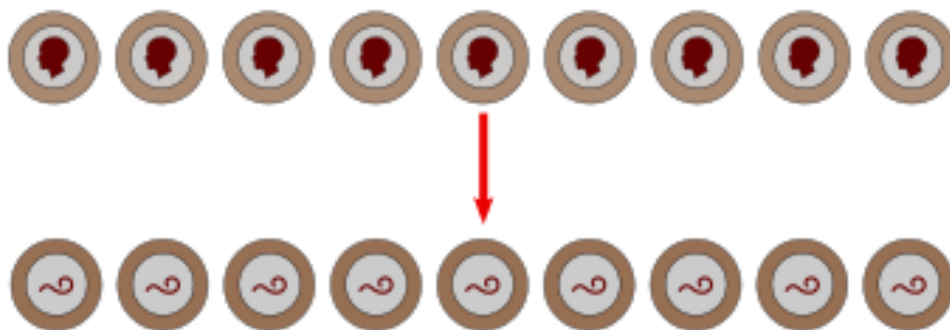
## Coin Flipping – 4

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Choosing 3 coins during each turn, you can start with 5 heads and end with 5 tails.



**THE CHALLENGE:** Choosing 5 coins during each turn, start with 9 heads and end with 9 tails. What's the fewest number of turns you need to use?



**EXPLORATION:** What happens if 9 and 5 are replaced by two other numbers? Can you predict when it's possible? Can you predict what the fewest number of turns will be?