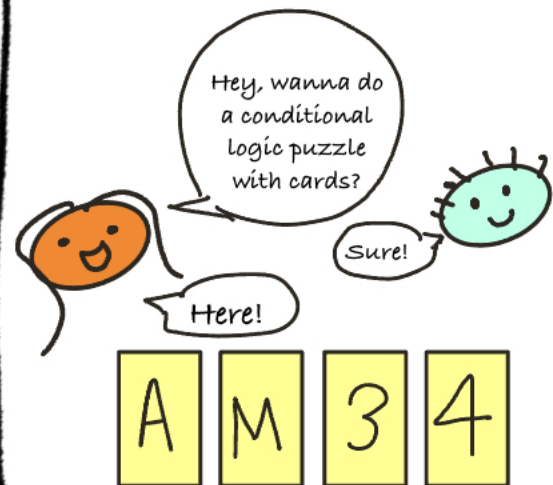


# THE WASON SELECTION TASK



"If a card has a vowel on one side then it has an even number on the other side"

The question is, which card(s) must you turn over to determine whether the rule is being followed?

Easy!!

The answer is, flip around both A and 4. This is because A is a vowel and 4 is an even number, both mentioned in the rule!

Nope! How about a hint?

Think only about what can falsify the rule.

Oh, I got it!

For starters, you need to flip around A to verify that there is an even number on the other side. If there is an odd number on the back, the rule is violated!

You also need to flip the 3 card; if this has a vowel on the other side, the rule is violated!

Very good!! What about the M and the 4?

No need to check the M card, as the rule makes no claim about non vowels.  
No need to turn the four, as the rule does not claim all even number have vowels!

So to test, "if vowel then even", we must check cases with vowels to see if any have non even numbers and cases with non even numbers to see if any have vowels!

Terrible! Most people actually get this wrong and choose A and 4, because they are more focused on verifying the rule rather than falsifying the rule.

So cool!