

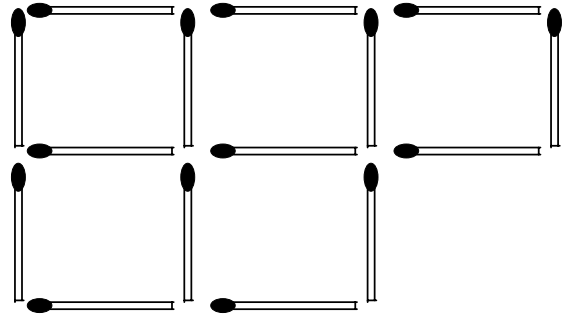


Neurological Nasties XIV

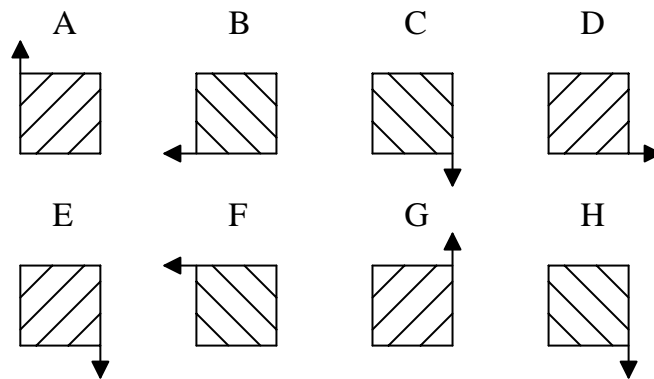
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- Remove three matches from the fifteen in the arrangement shown so that only three squares are left. Then try removing two matches from the arrangement shown to also leave three squares.



- Can you work out which diagram is the odd one out?



- A hall is 30 m long, 12 m wide and 12 m high. There is a power point at A in the middle of an end wall 1 m from the floor. An extension lead is required to contact A with point B in the middle of the opposite wall but 1 m from the ceiling.

For safety the lead must be fastened to the surfaces of the room and not stretch across the middle. Find the shortest length of cable needed to do the job. No, the answer is not 42 m.

