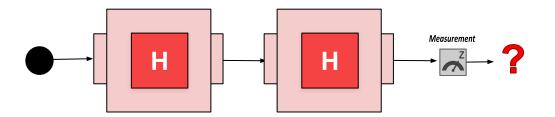
The outcome of the H gate ([[]]) is always random. (true / false) (we can say they are not random but are probabilistic)





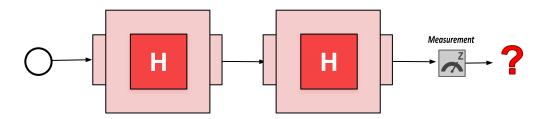








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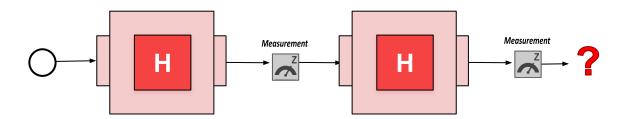












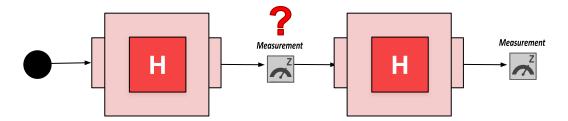












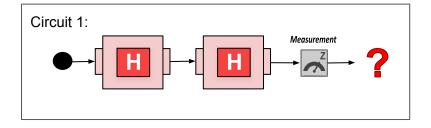


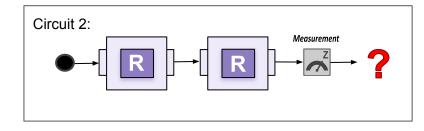










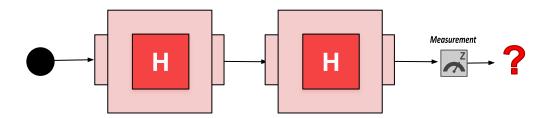


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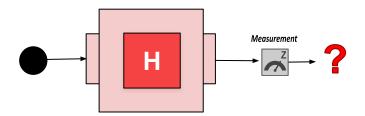
The outcome of the circuits pictured above will _____ be the same.

- A. Always
- B. Sometimes
- C. Never

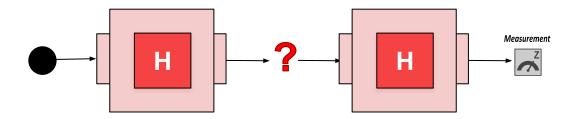
Select the option that describes the probability of each outcome for this circuit (at ?).

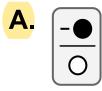


Select the option that describes the probability of each outcome for this circuit (at ?).



Select the option that describes the state of the qubit at ?.





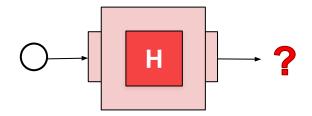








Select the option that describes the state of the qubit at ?.



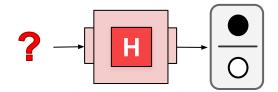












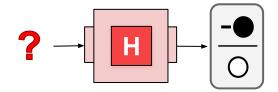












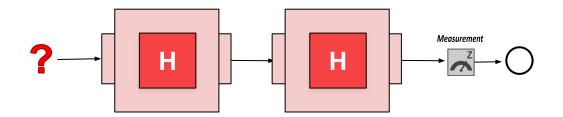












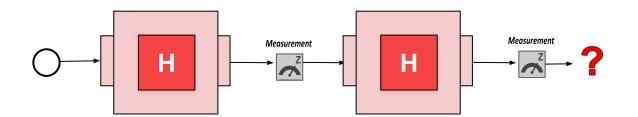




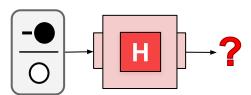




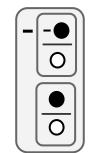
Select the option that describes the probability of each outcome for this circuit (at ?).



Select the option(s) that describe the state of the qubit at ?.



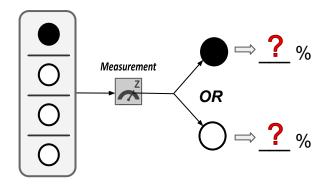








Select the option that describes the probability of each outcome.



△ : 50%

O:50%

B. • : 100%

): 0%

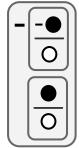
C. • : 25%

O: 75%

) • : 75%

) : 25%

Select the option that describes the same quantum state as:



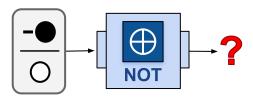
A. 0







Select the option(s) that describe the state of the qubit at ?.



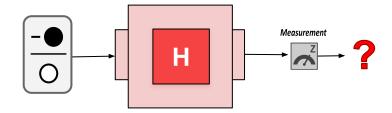








Select the option(s) that describe the state of the qubit at ?.











Select the option that describes the probability of each outcome for this circuit (at ?).

