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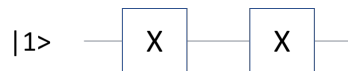
## QUANTUM GATES AND MEASUREMENT

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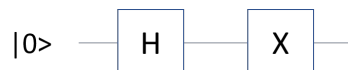
### Question 1

**What is the resulting states for each of the circuits below?**

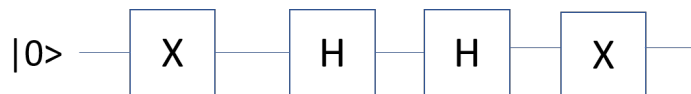
(a)



(b)



(c)



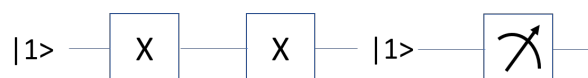
(d)



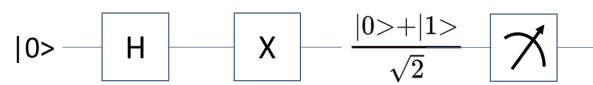
## Question 2

**What can we expect on measurement?**

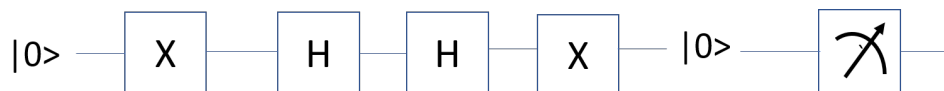
(a)



(b)



(c)



(d)



