

















**Is there parchment
Inside?**

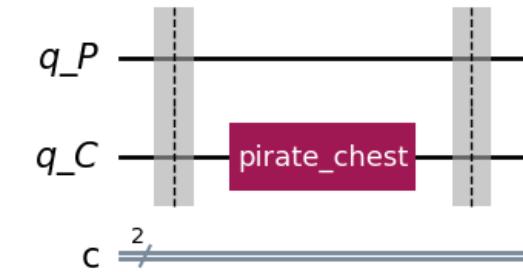
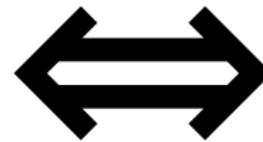


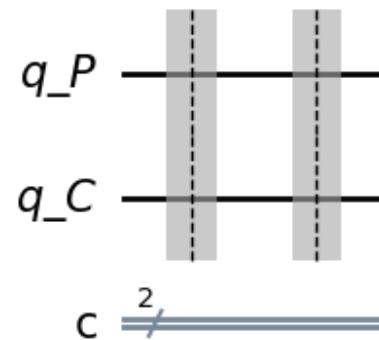
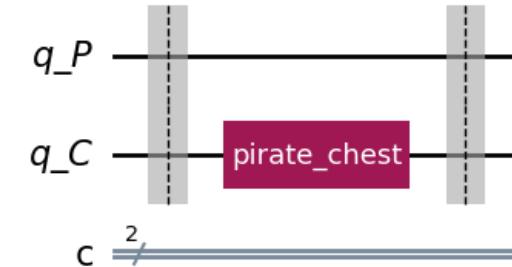
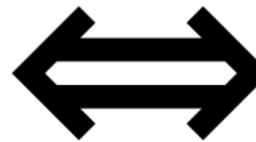


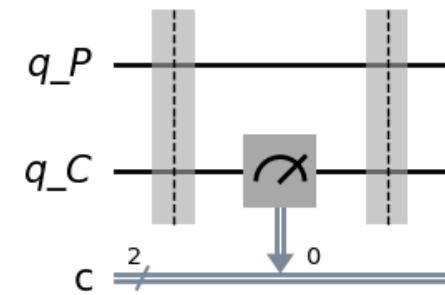
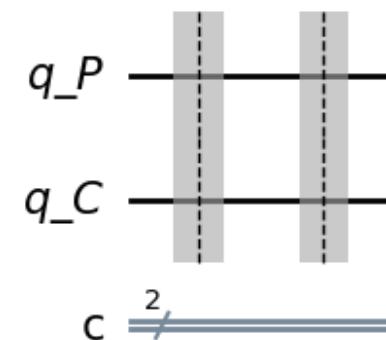
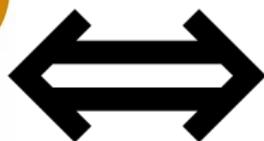
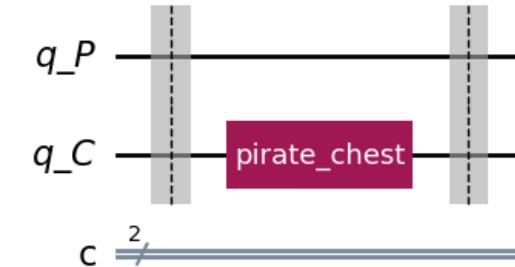
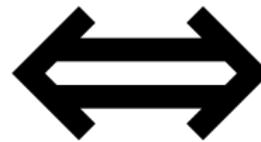


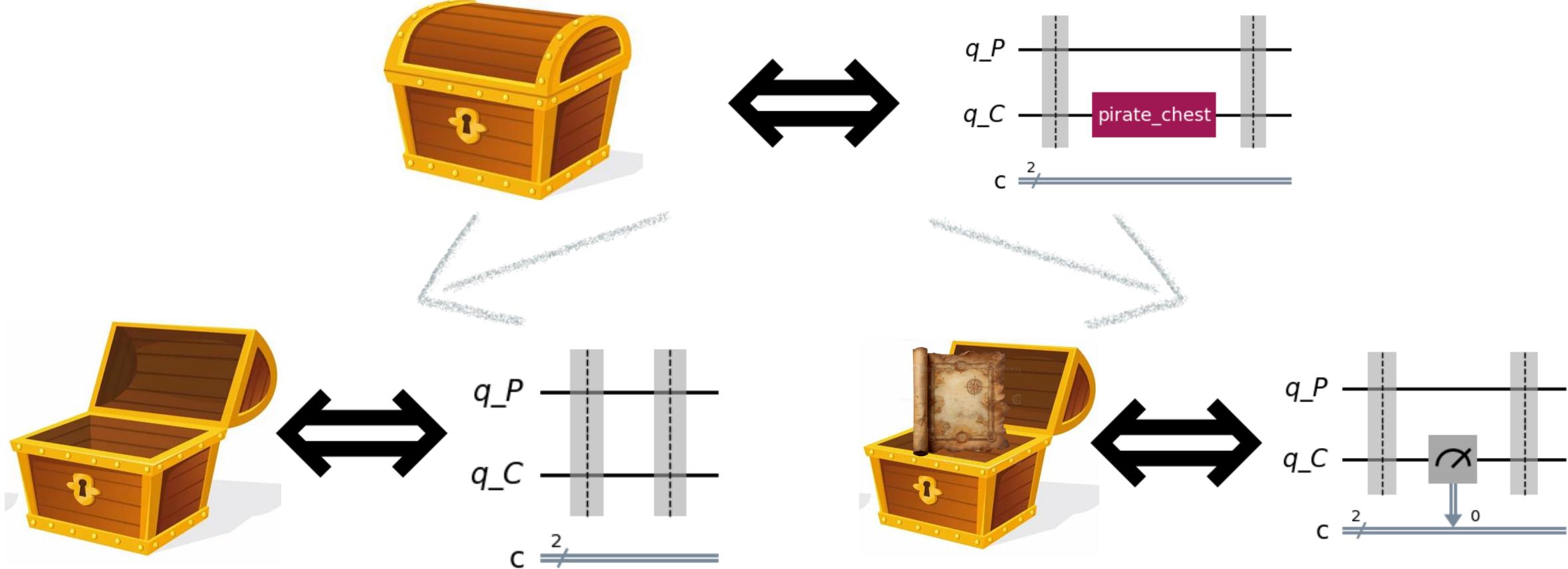




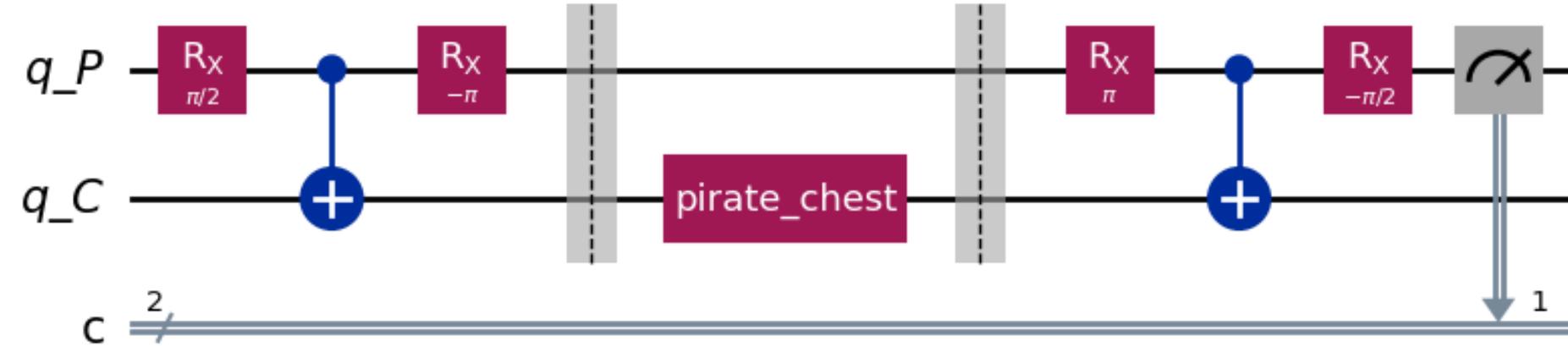


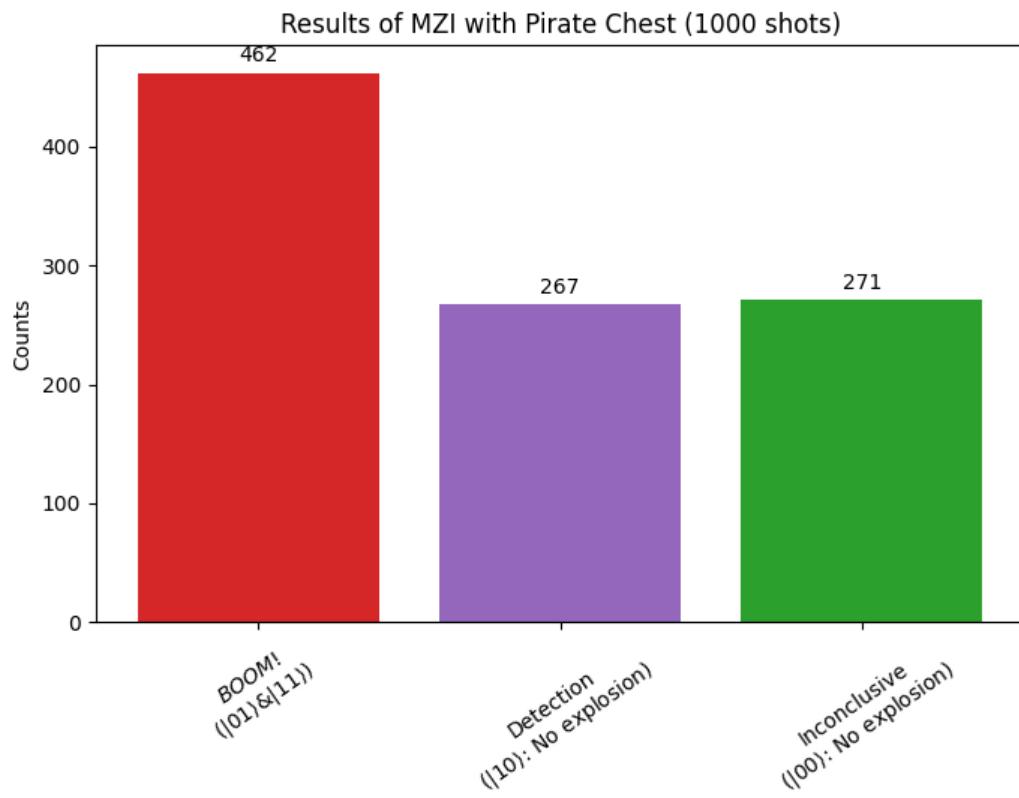
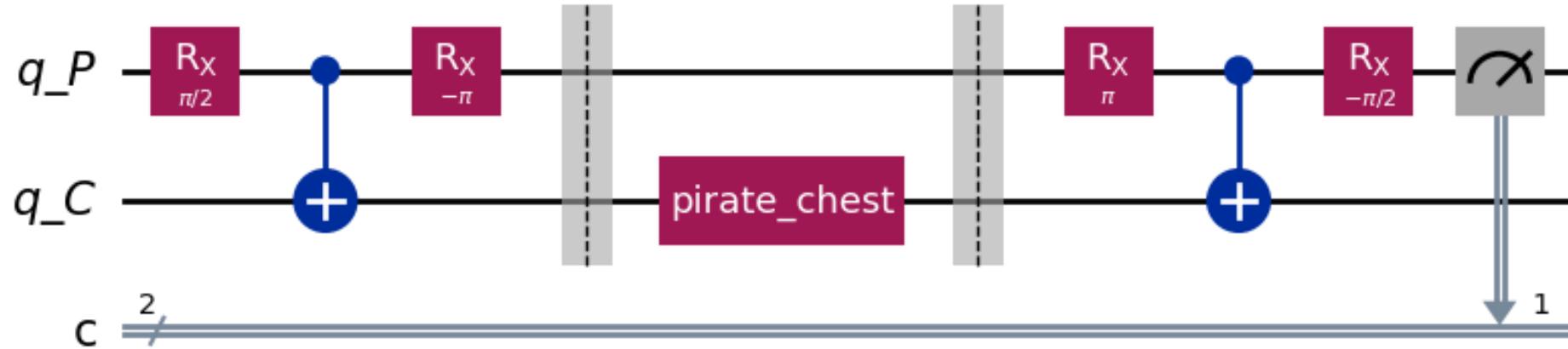


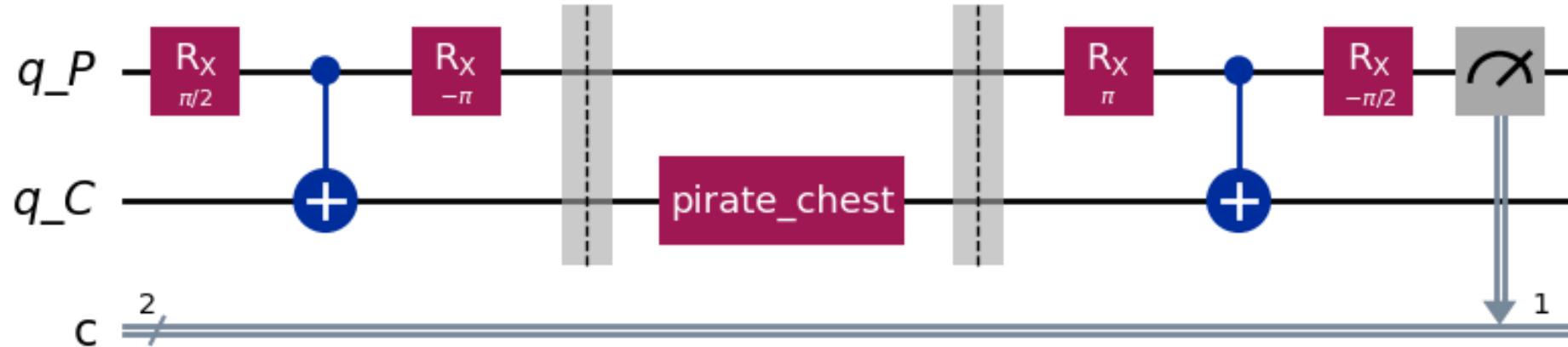




If the classical bit is:
0 \Leftrightarrow nothing happens
1 \Leftrightarrow boom







$$EV = \frac{\text{Prob(Detection)}}{\text{Prob}(BOOM!) + \epsilon} \cdot \exp \left(-\text{Prob(Inconclusive)} \right)$$

$$EV = \frac{0.25}{0.50} \cdot \exp(-0.25) \approx 0.50 \cdot 0.7788 \approx 0.389$$



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