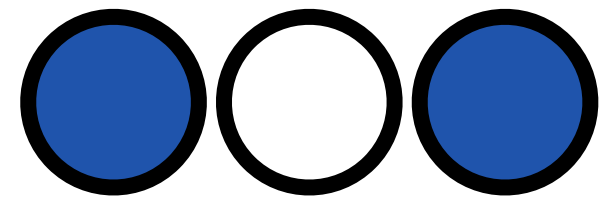
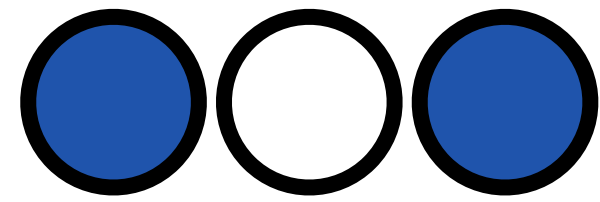


# Bringing it all together



$$P(\theta = 0.25 \mid [B, W, B]) \propto P([B, W, B] \mid \theta = 0.25) \times P(\theta = 0.25)$$

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Likelihood, how many ways to  
produce the data under the  
assumed conjecture