

Name:

1. Bayes rule can be represented as $p(\theta|D) = p(D|\theta) p(\theta) / p(D)$. TRUE or FALSE. (Circle one). 2 points.

2. What are the following components of Bayes Rule called? 2 points each.

$p(\theta|D)$

$p(D|\theta)$

$p(\theta)$

3. Why can Bayesian Inference be difficult? 4 points.