# Information Theory
## Problem Set 09 - Decision Theory

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1. (a) a
   (b) b
   (c) c
   (d) d

2. 2

3. 3

# References

[1] David J. C. MacKay. *Information Theory, Inference and Learning Algorithms.* 7th edition, 2005.

[2] Thomas M. Cover and Joy A. Thomas. *Elements of Information Theory 2nd Edition (Wiley Series in Telecommunications and Signal Processing).* Wiley-Interscience, July 2006. ISBN 0471241954.