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M. A. Hamid* (naderham@temple.edu), 3020 Gilham street, Philadelphia, PA 19149. *Using mnemonic and Ausubelian concept mapping to teach "and/or" probability problems.* Preliminary report.

Developing mnemonic devices in conjunction with Ausubelian concept mapping techniques can produce an effective tool to solve probability problems using "and/or" problems. Although this technique is helpful for undergraduate students, it may be used with secondary level students too. A mnemonic device such as "Paid Poon"- developed by Hamid-constructed with the aid of concept mapping is proven to be a powerful tool in improving problem solving skills in probability theory. (Received September 25, 2006)