

Member 1

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Member 2

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Solution - 1.1:

Expected reward for Arm - 1: 2
Expected reward for Arm - 2: 2.5
Expected reward for Arm - 3: 3.5
Expected reward for Arm - 4: 2
Expected reward for Arm - 5: 3.5
Expected reward for Arm - 6: 0

If the actions are chosen uniformly, each has a probability of $1/n$: when n is the no. of actions.

Expected reward for n actions : $14.5 / n$