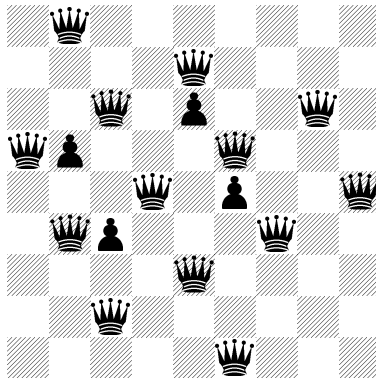


Fundamental Solutions to the $N + 4$ Queens Problem for $N = 9, 10$, and 11

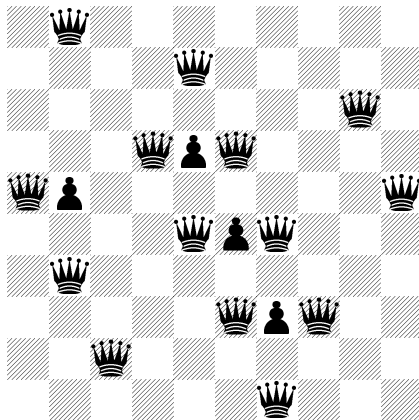
Doug Chatham

August 31, 2010

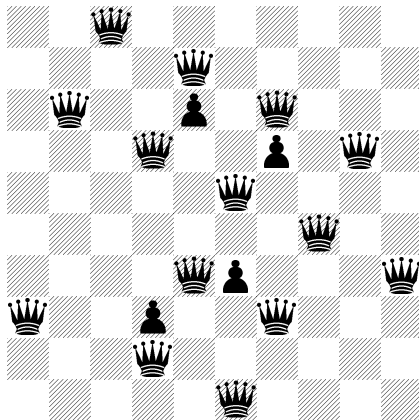
Solution 1



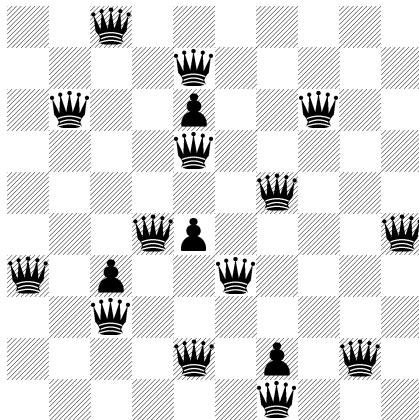
Solution 1



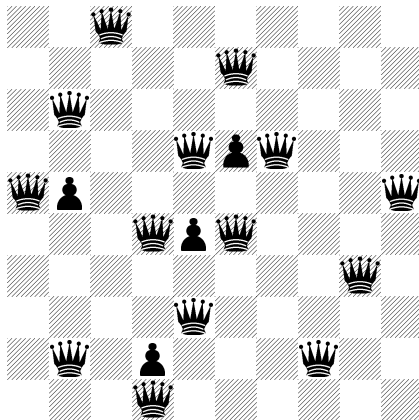
Solution 2



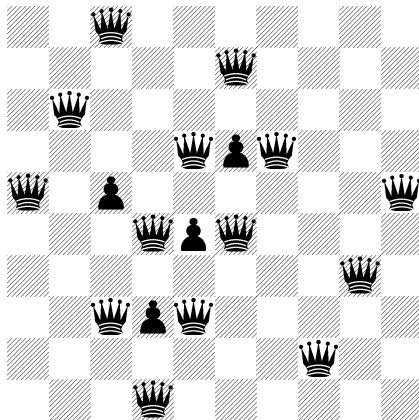
Solution 3



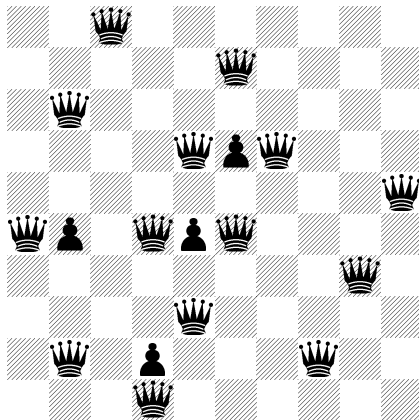
Solution 4



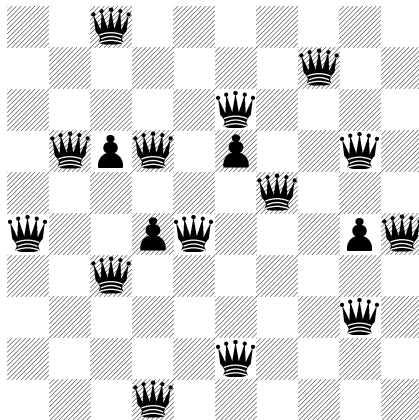
Solution 5



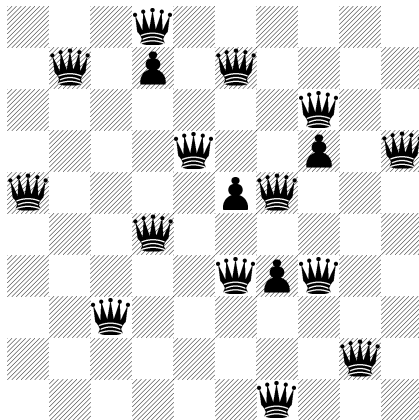
Solution 6



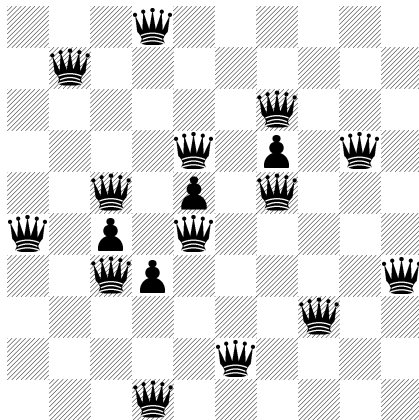
Solution 7



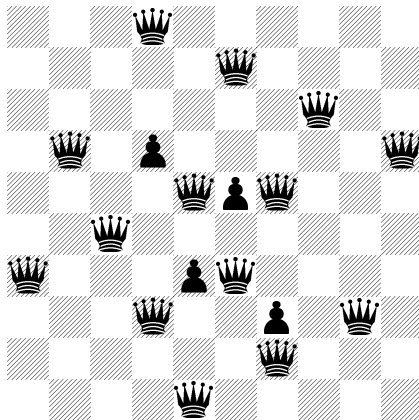
Solution 8



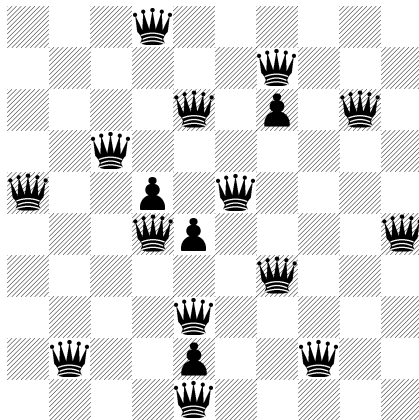
Solution 9



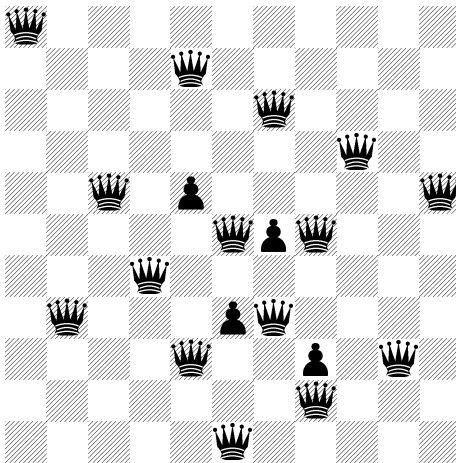
Solution 10



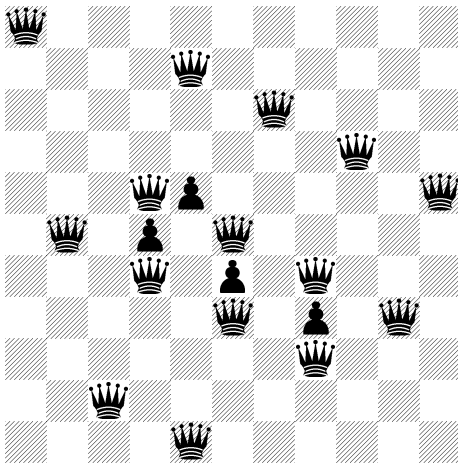
Solution 11



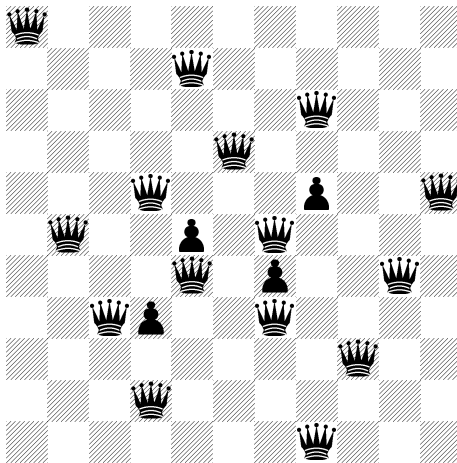
Solution 1



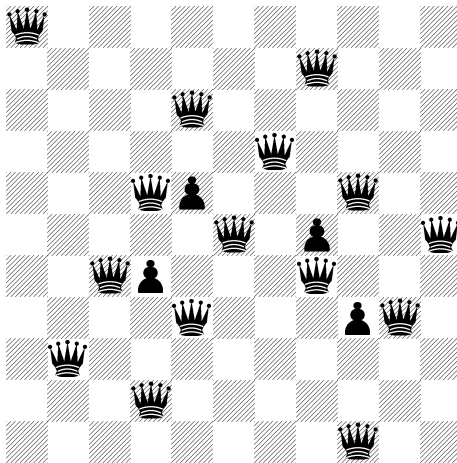
Solution 2



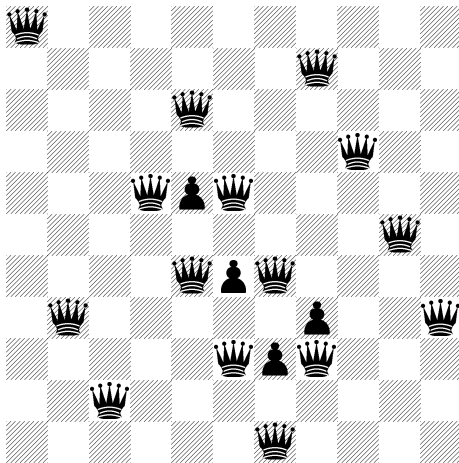
Solution 3



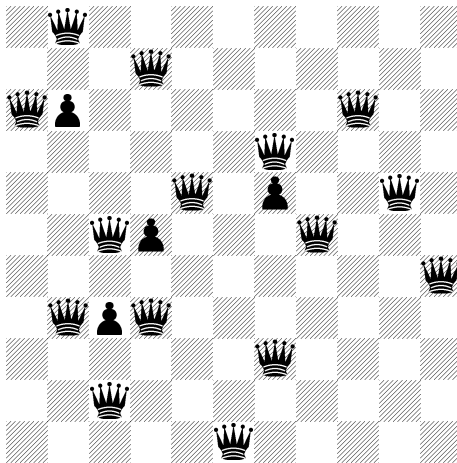
Solution 4



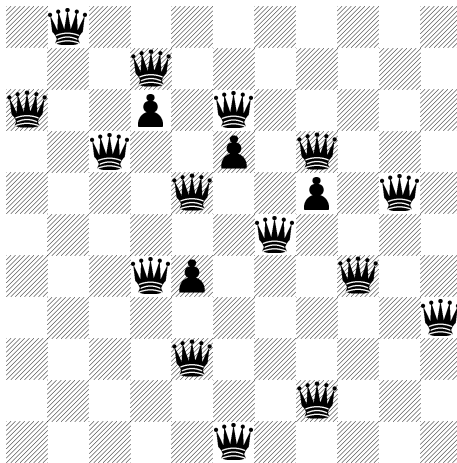
Solution 5



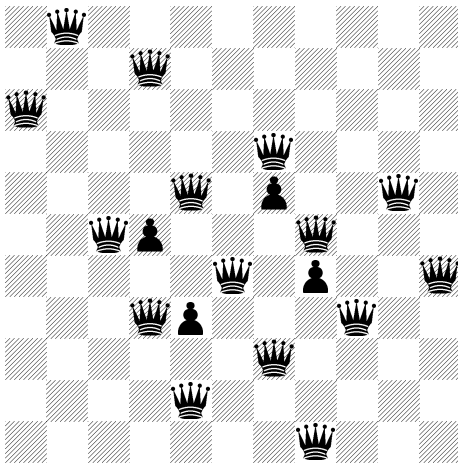
Solution 6



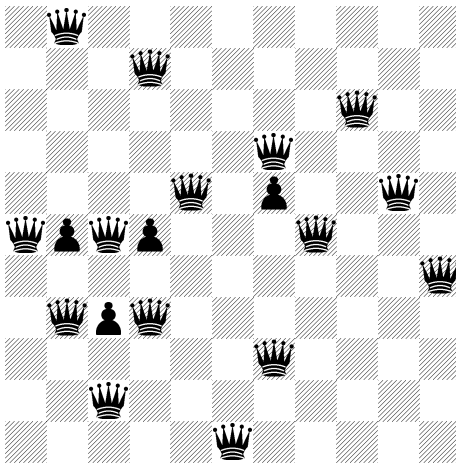
Solution 7



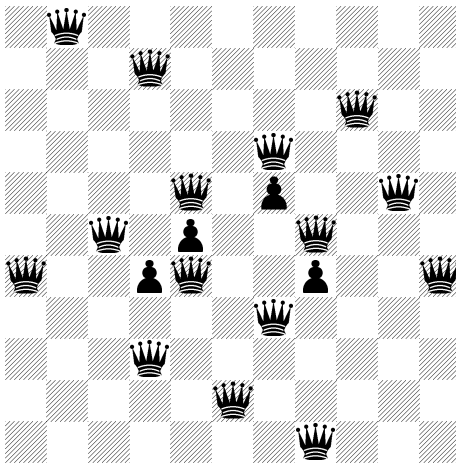
Solution 8



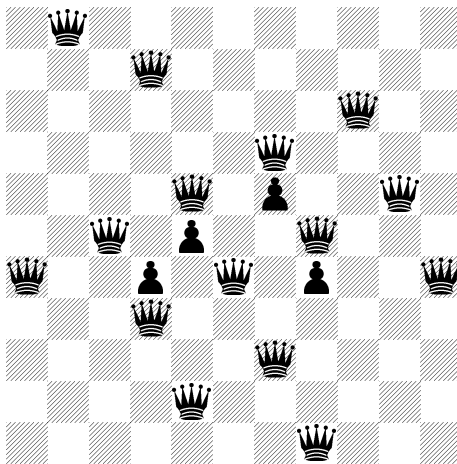
Solution 9



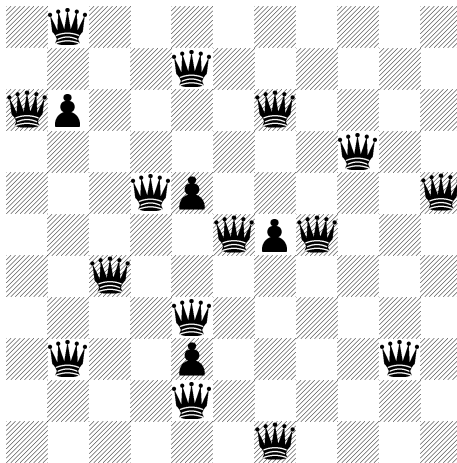
Solution 10



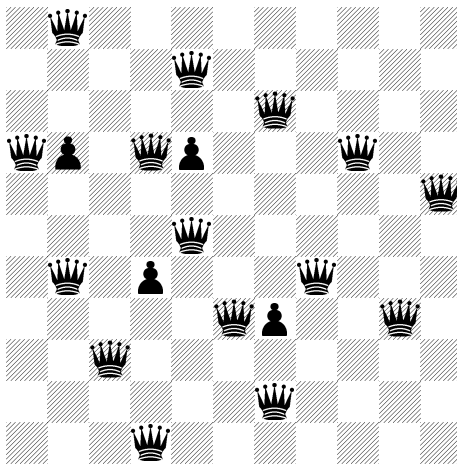
Solution 11



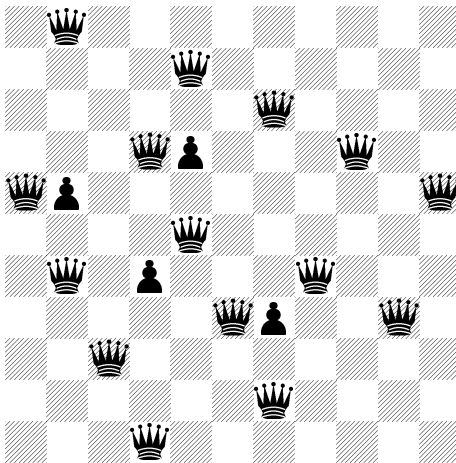
Solution 12



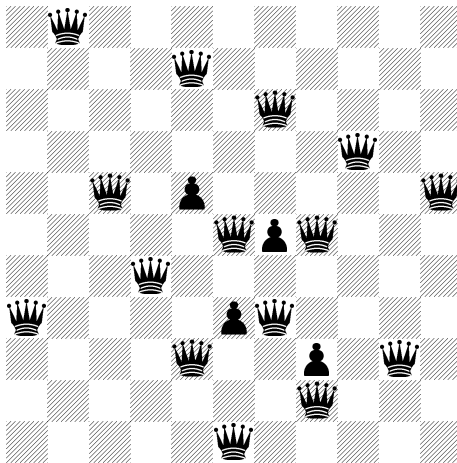
Solution 13



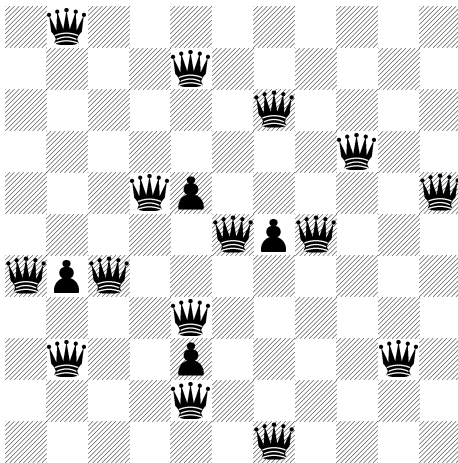
Solution 14



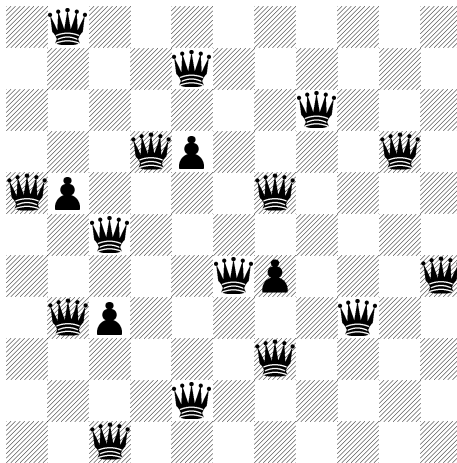
Solution 15



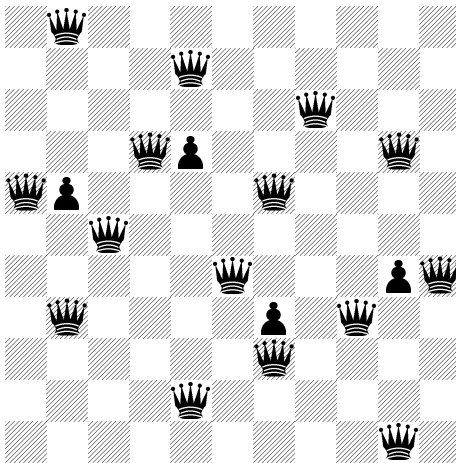
Solution 16



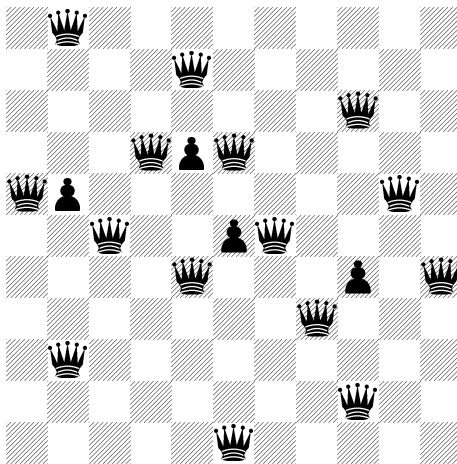
Solution 17



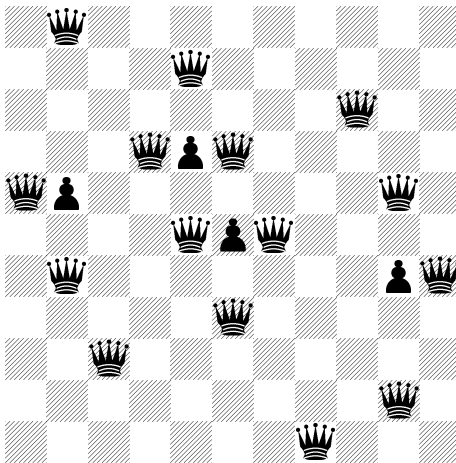
Solution 18



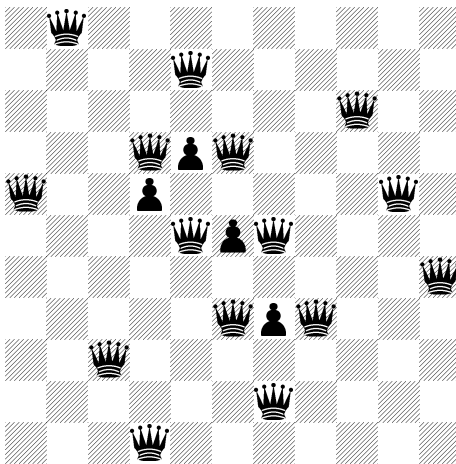
Solution 19



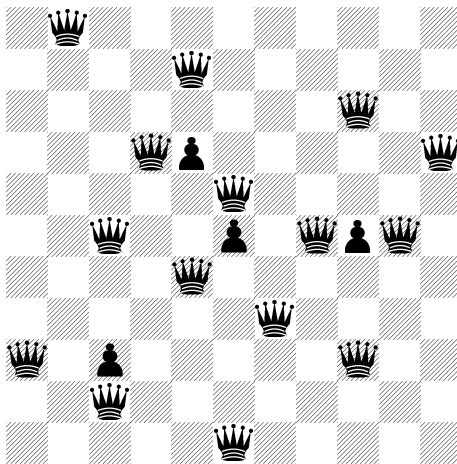
Solution 20



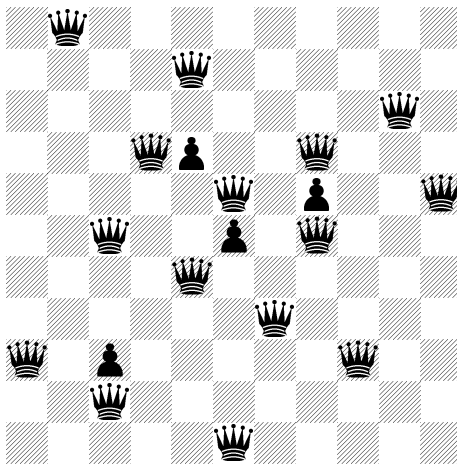
Solution 21



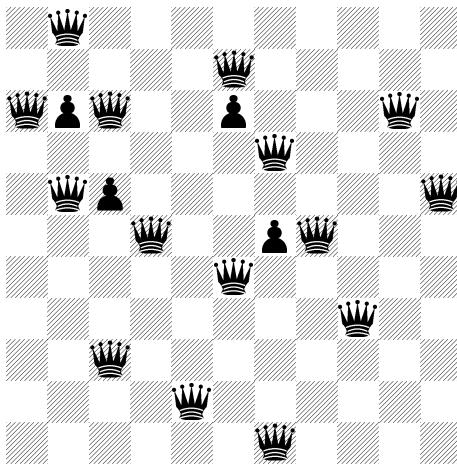
Solution 22



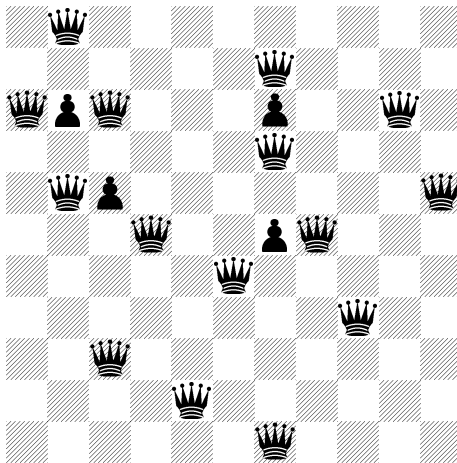
Solution 23



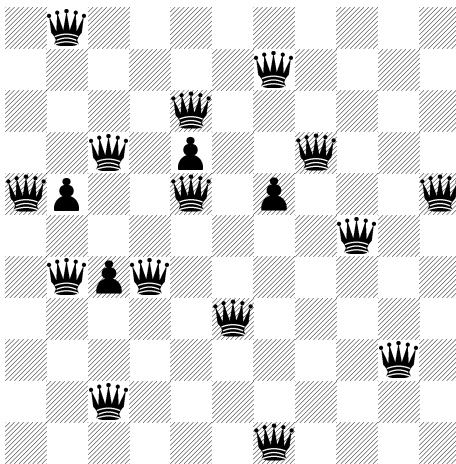
Solution 24



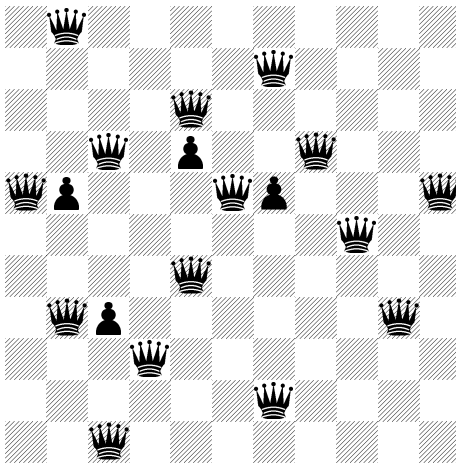
Solution 25



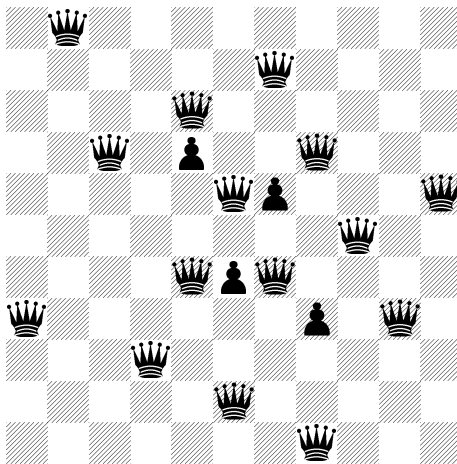
Solution 26



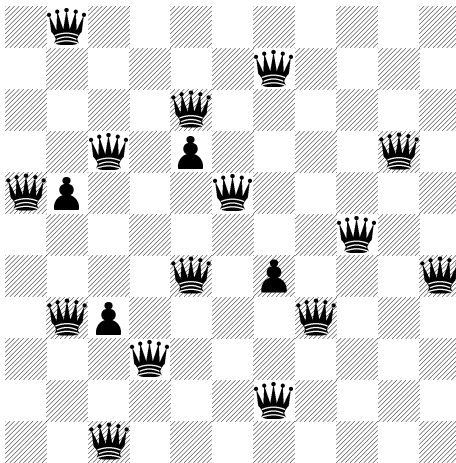
Solution 27



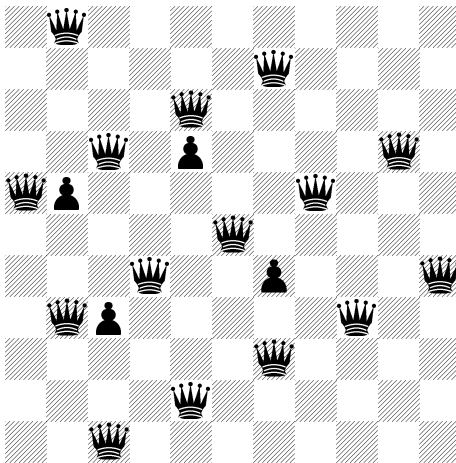
Solution 28



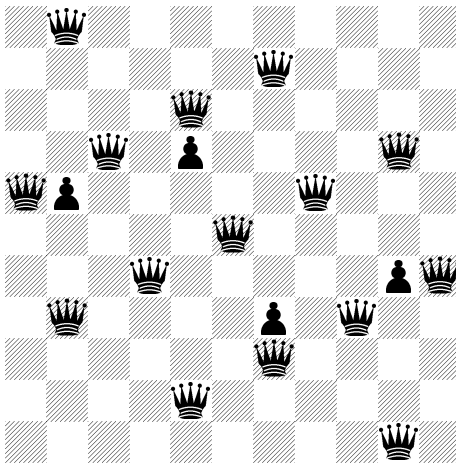
Solution 29



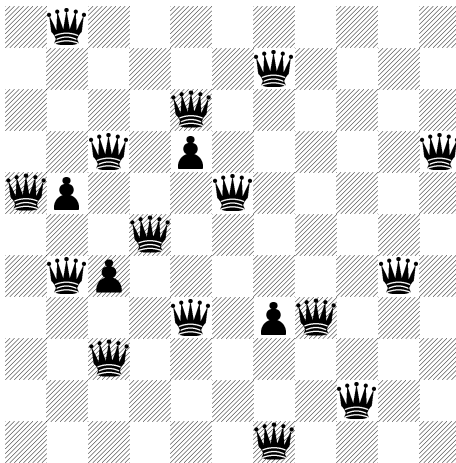
Solution 30



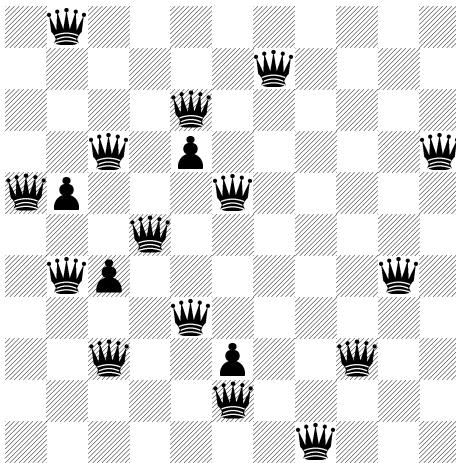
Solution 31



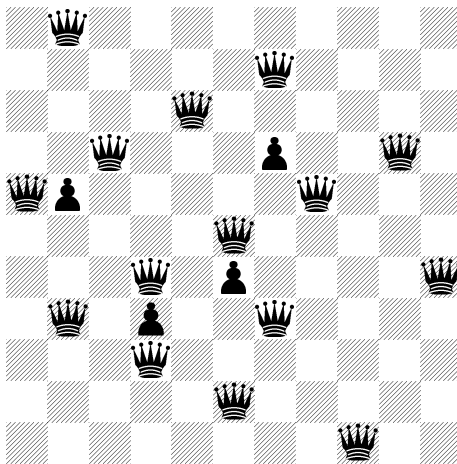
Solution 32



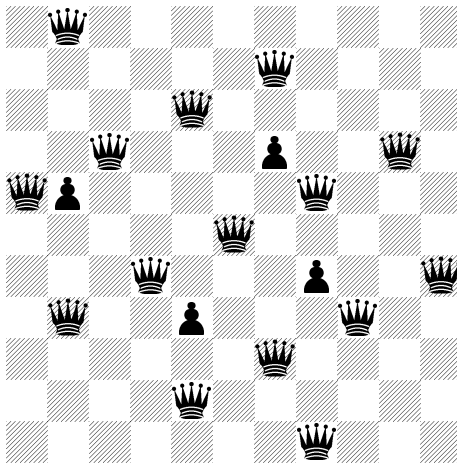
Solution 33



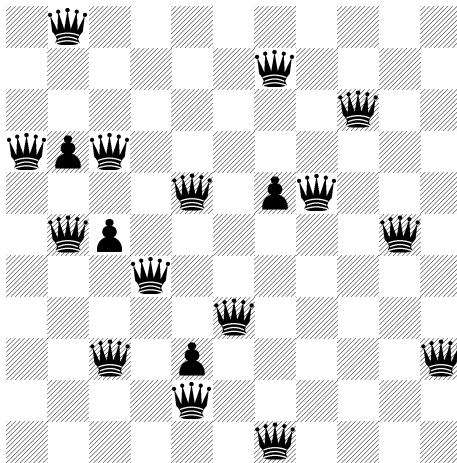
Solution 34



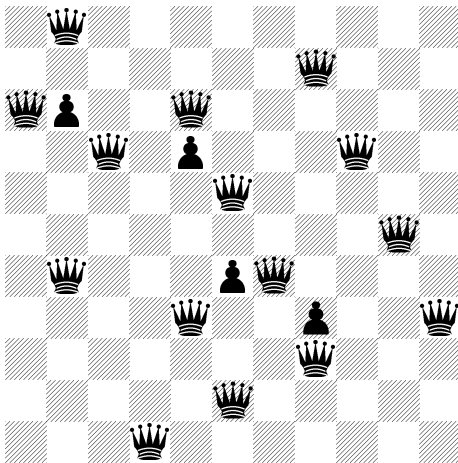
Solution 35



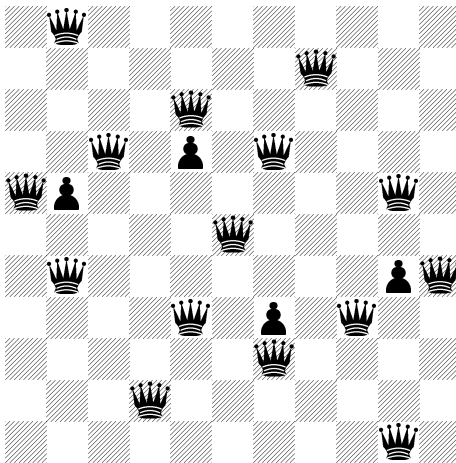
Solution 36



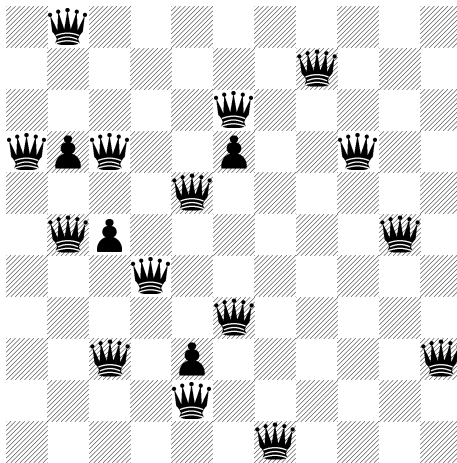
Solution 37



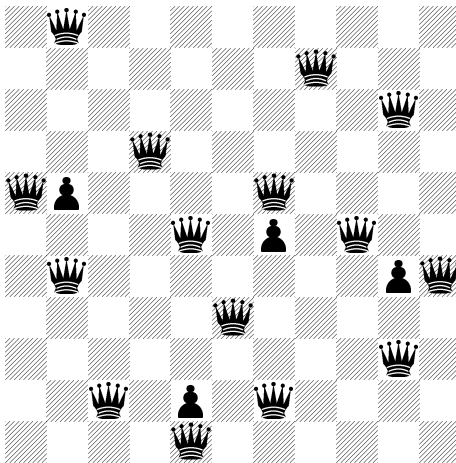
Solution 38



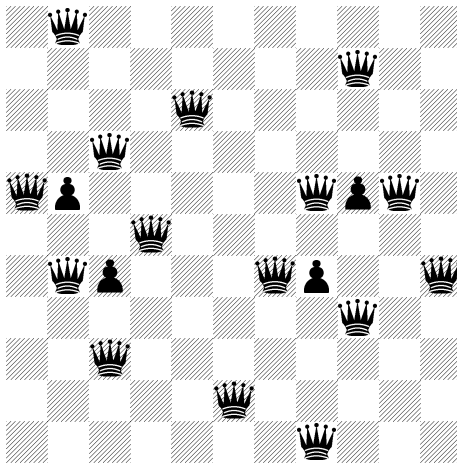
Solution 39



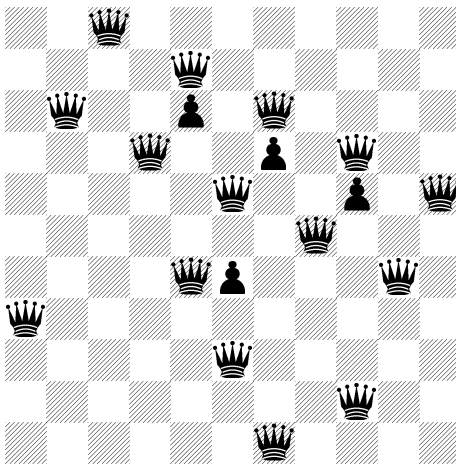
Solution 40



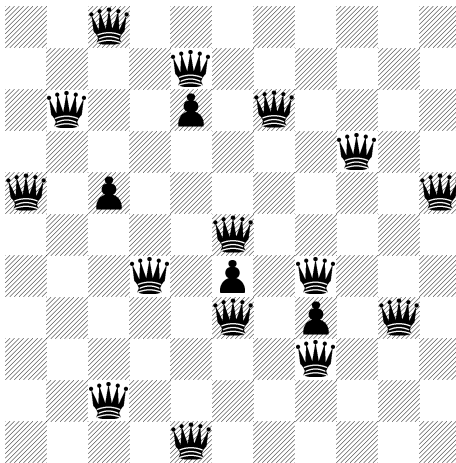
Solution 41



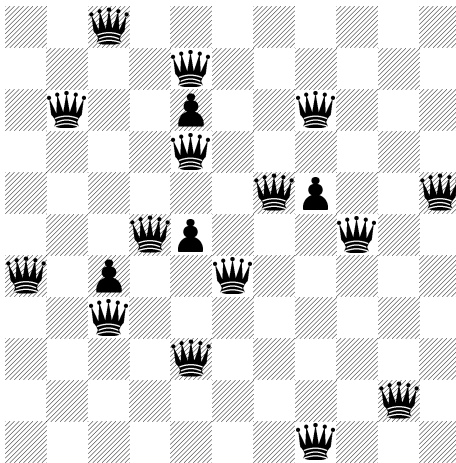
Solution 42



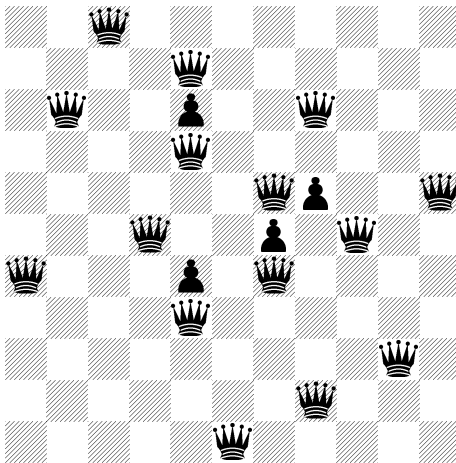
Solution 43



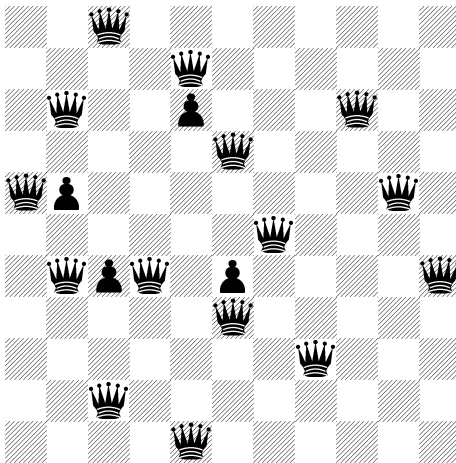
Solution 44



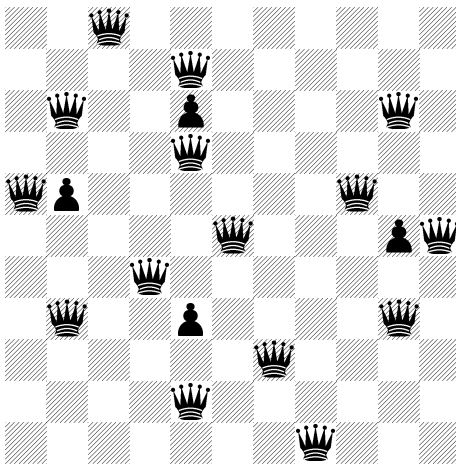
Solution 45



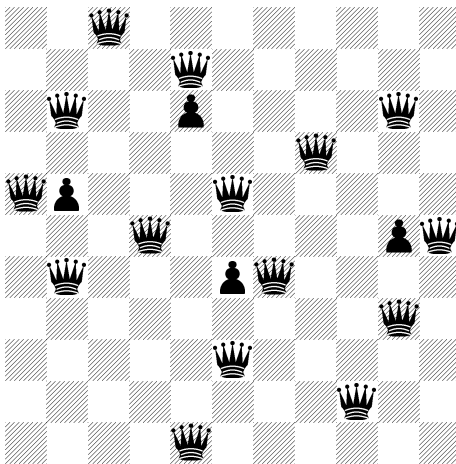
Solution 46



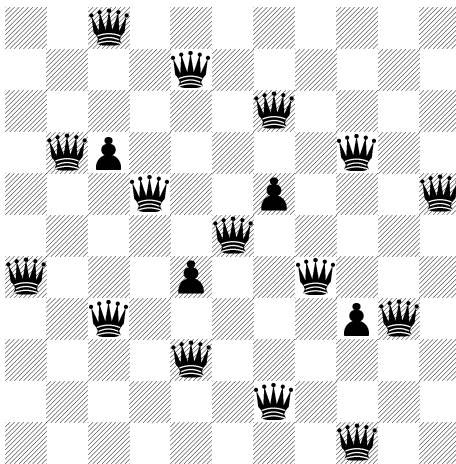
Solution 47



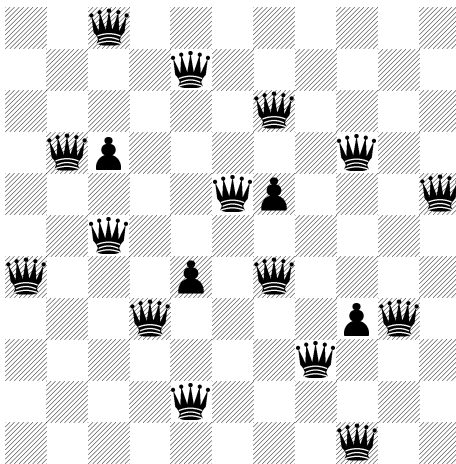
Solution 48



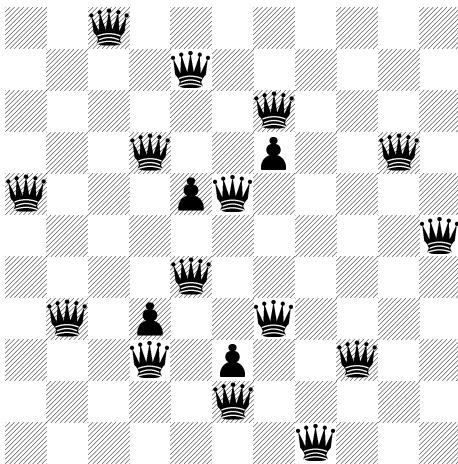
Solution 49



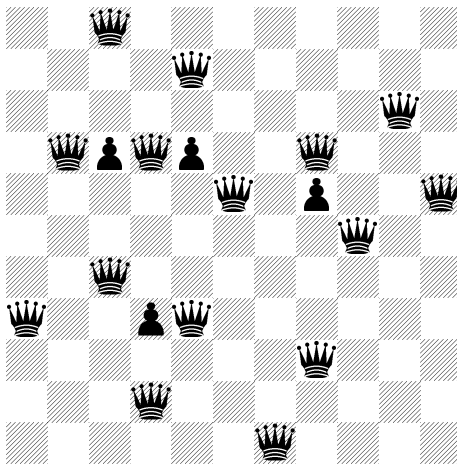
Solution 50



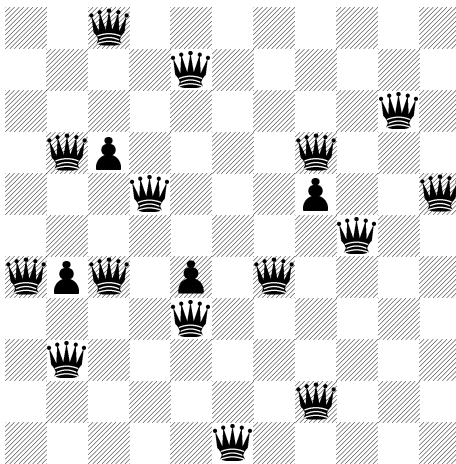
Solution 51



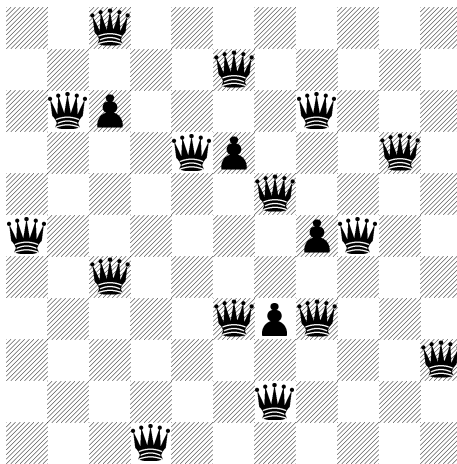
Solution 52



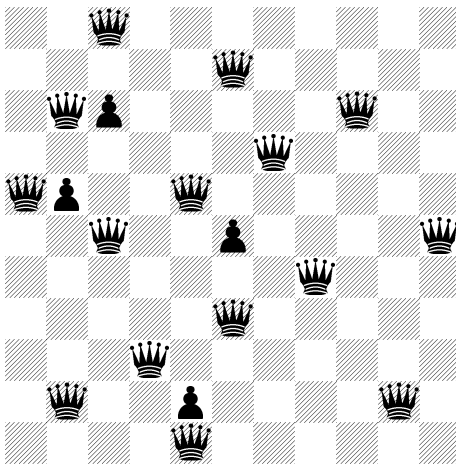
Solution 53



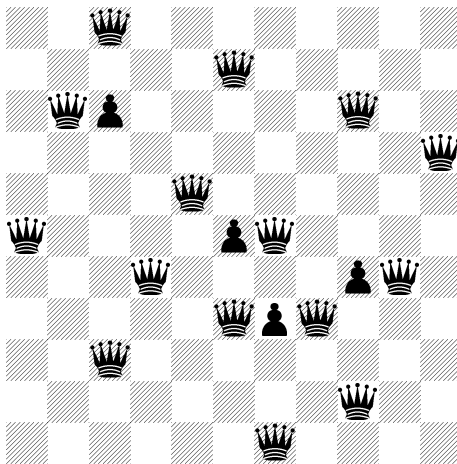
Solution 54



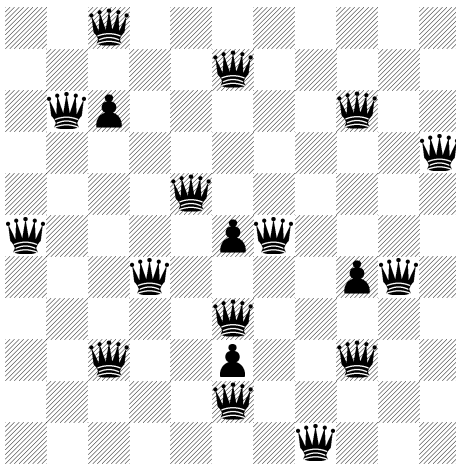
Solution 55



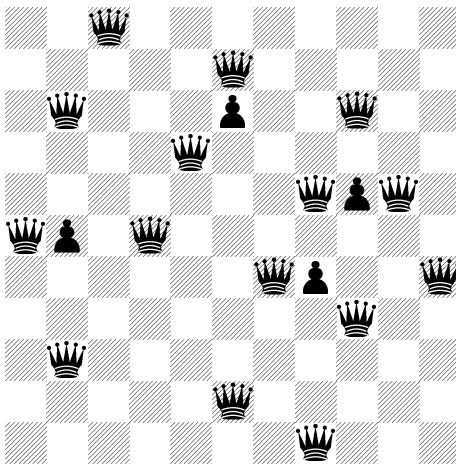
Solution 56



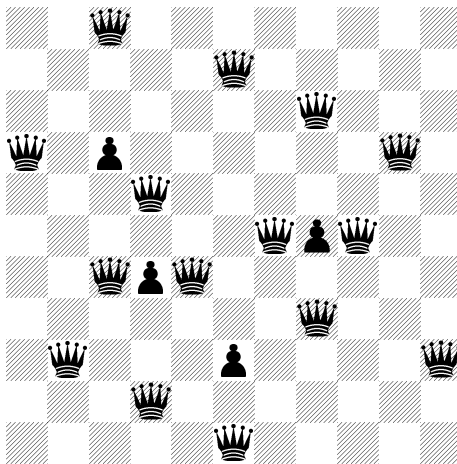
Solution 57



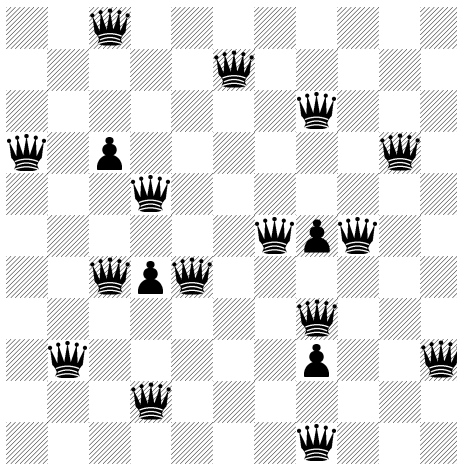
Solution 58



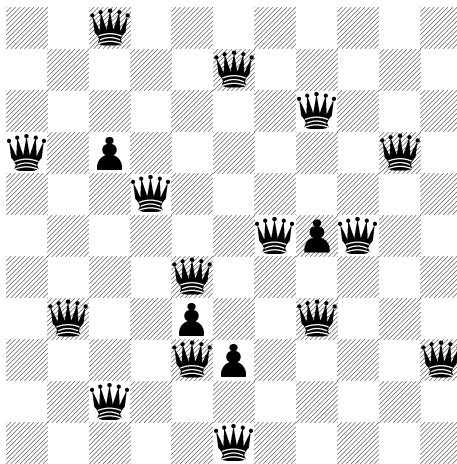
Solution 59



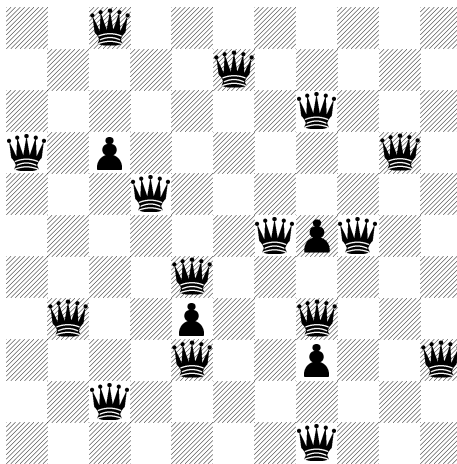
Solution 60



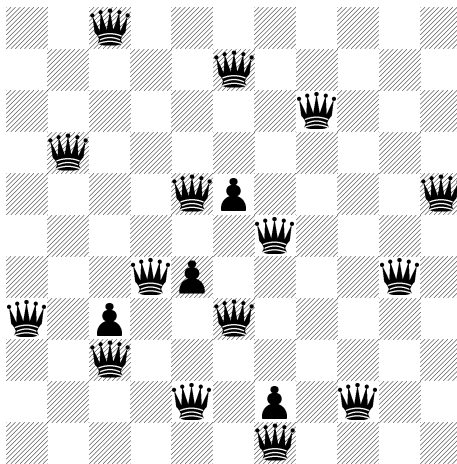
Solution 61



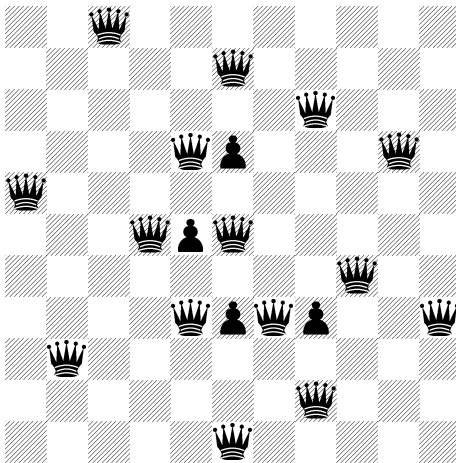
Solution 62



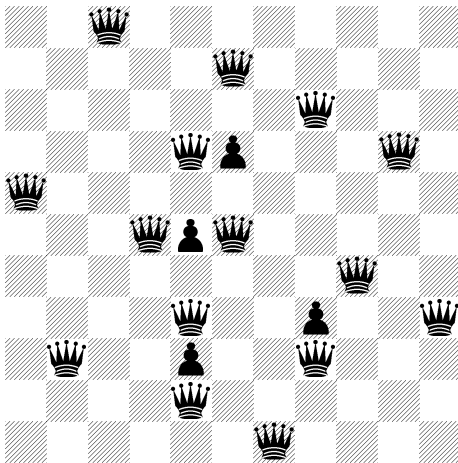
Solution 63



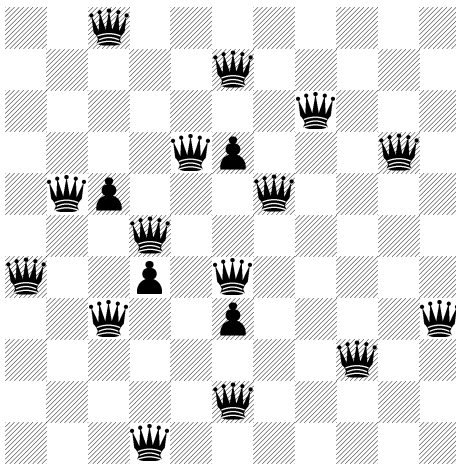
Solution 64



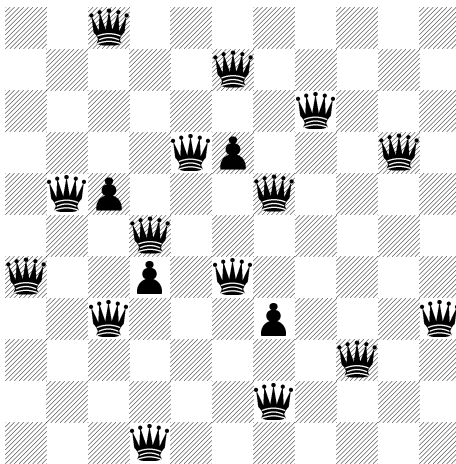
Solution 65



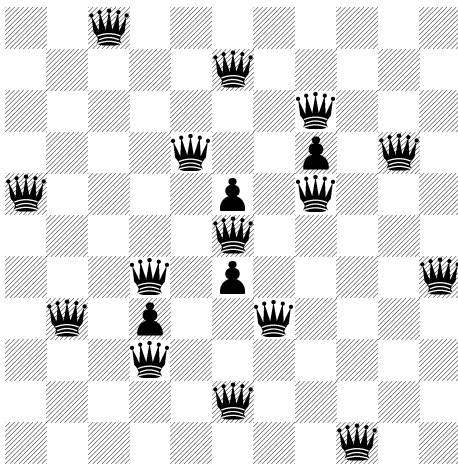
Solution 66



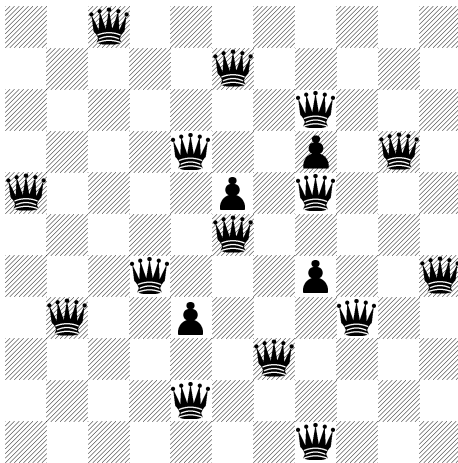
Solution 67



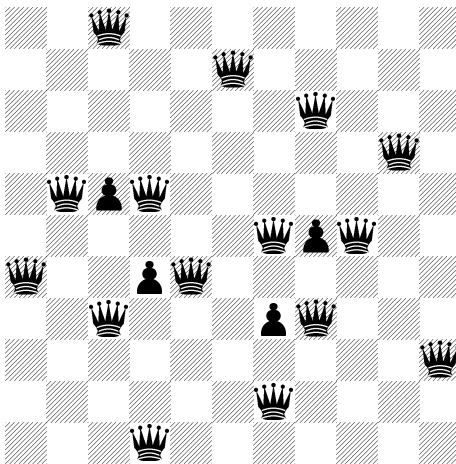
Solution 68



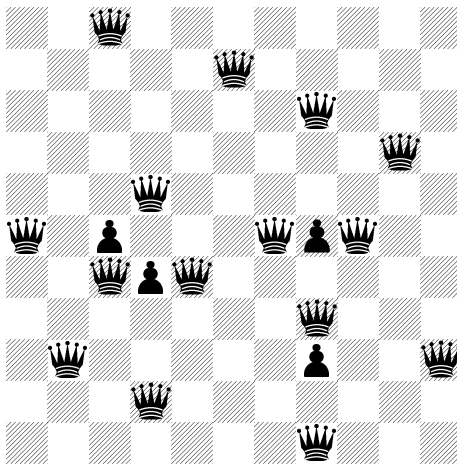
Solution 69



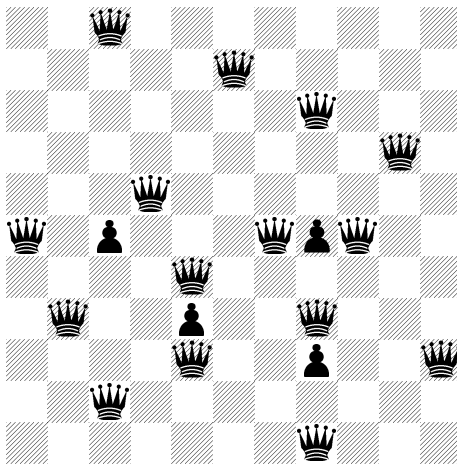
Solution 70



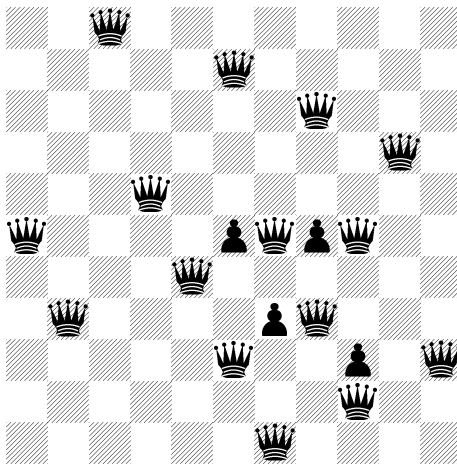
Solution 71



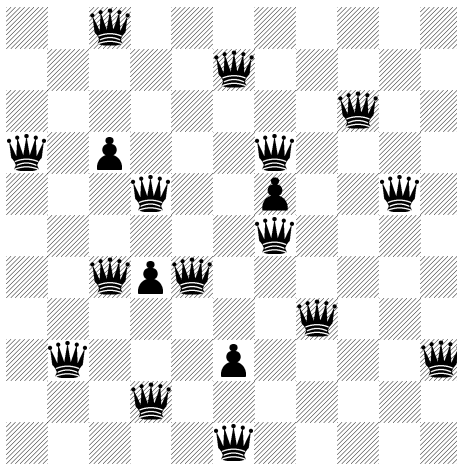
Solution 72



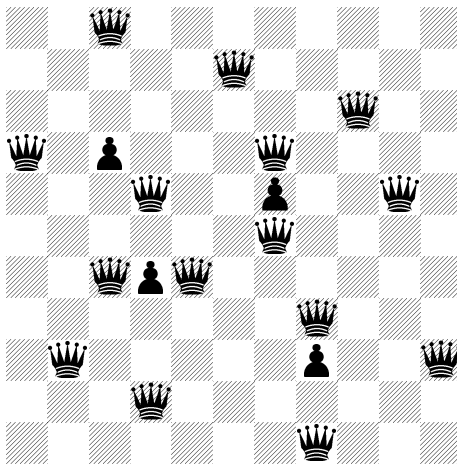
Solution 73



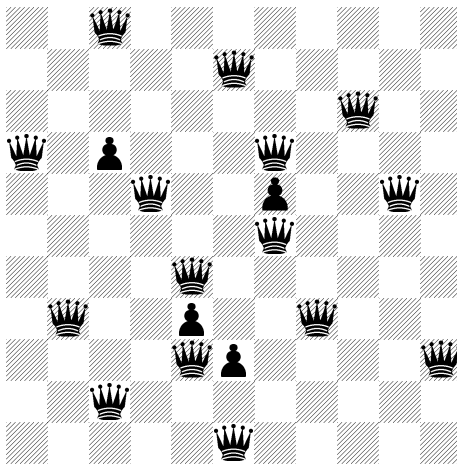
Solution 74



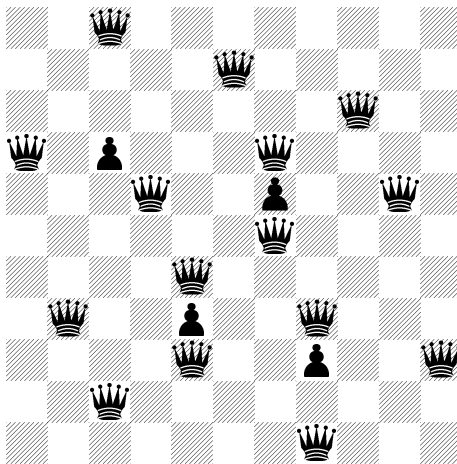
Solution 75



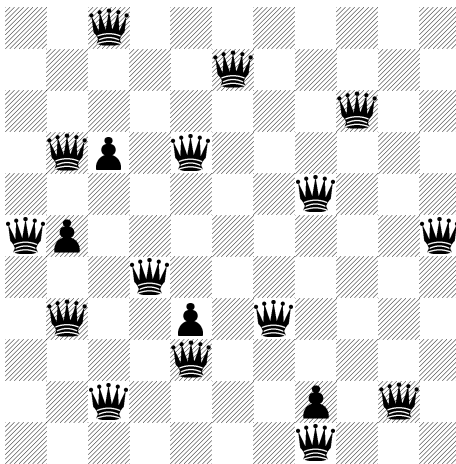
Solution 76



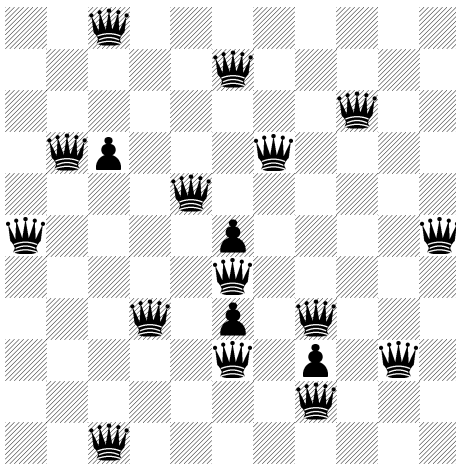
Solution 77



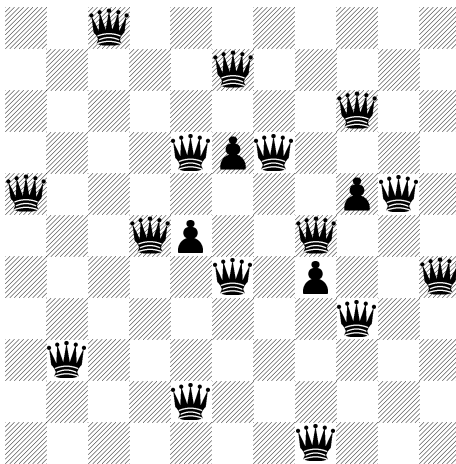
Solution 78



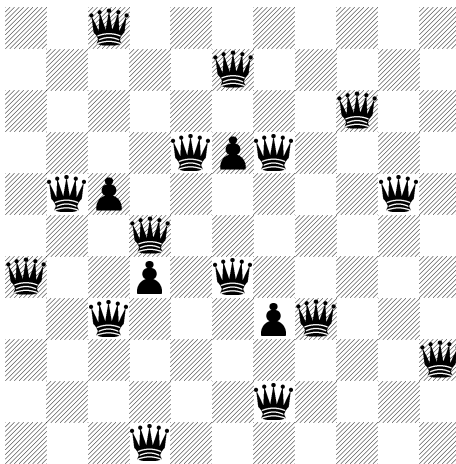
Solution 79



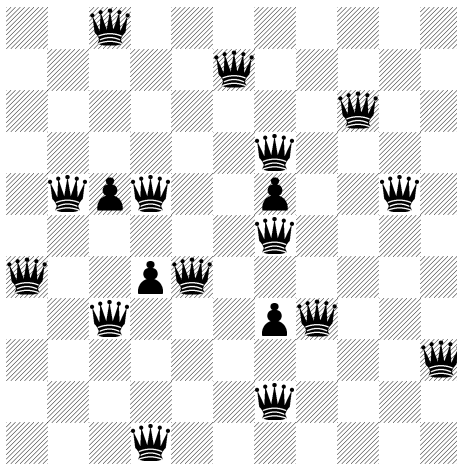
Solution 80



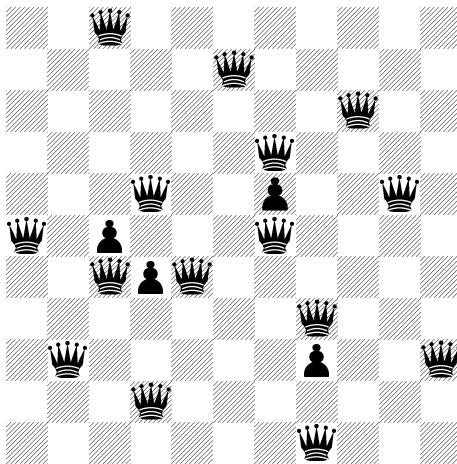
Solution 81



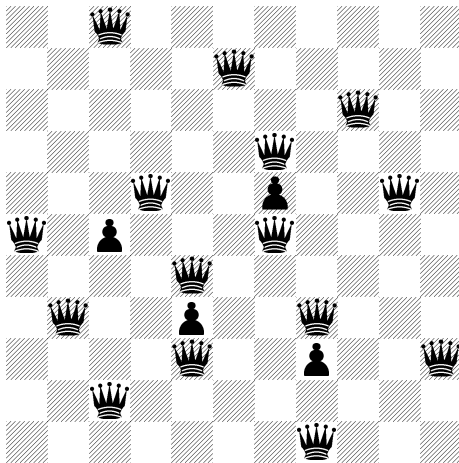
Solution 82



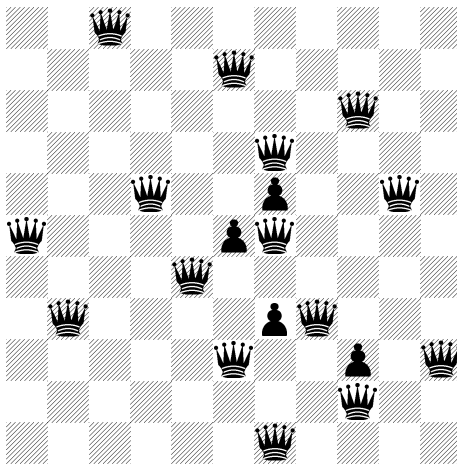
Solution 83



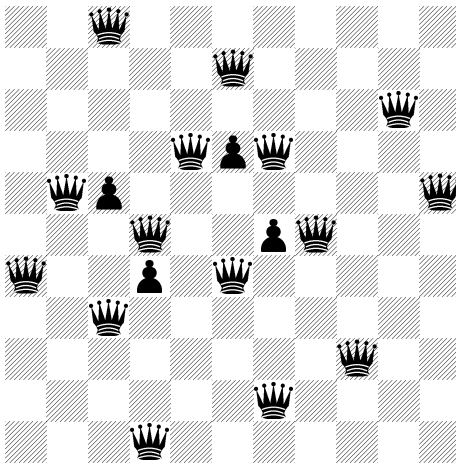
Solution 84



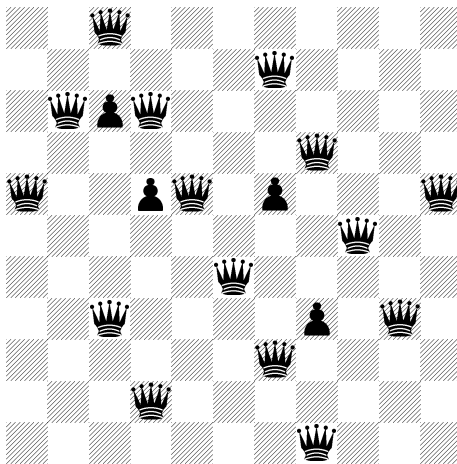
Solution 85



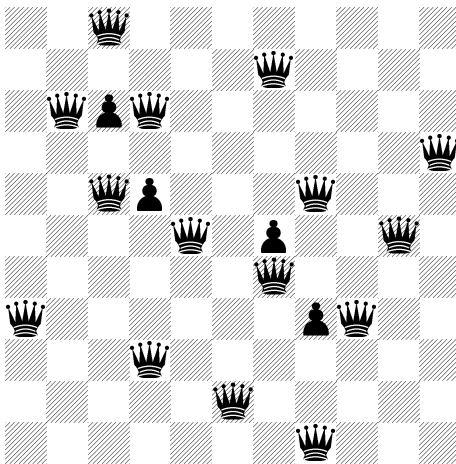
Solution 86



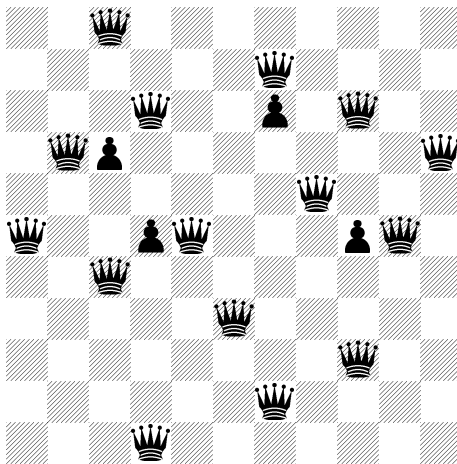
Solution 87



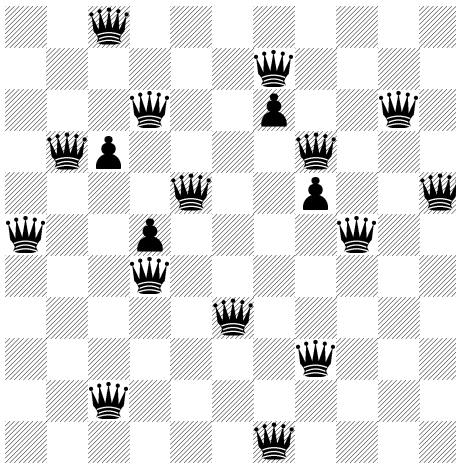
Solution 88



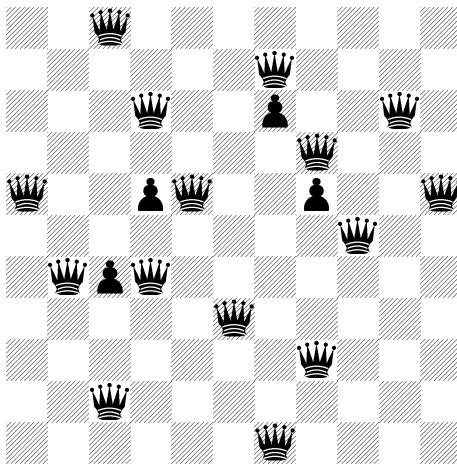
Solution 89



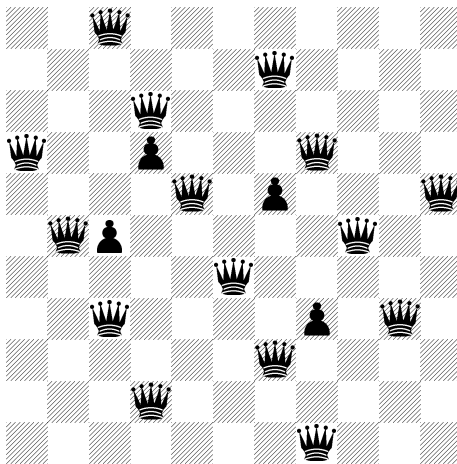
Solution 90



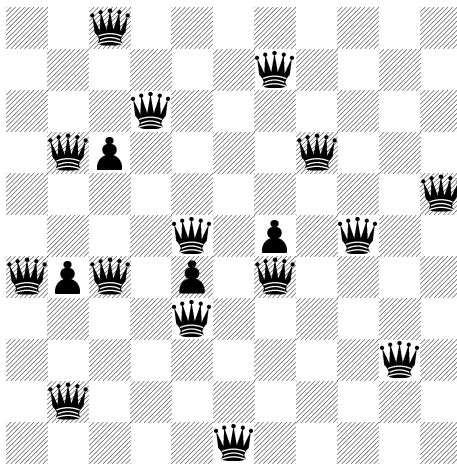
Solution 91



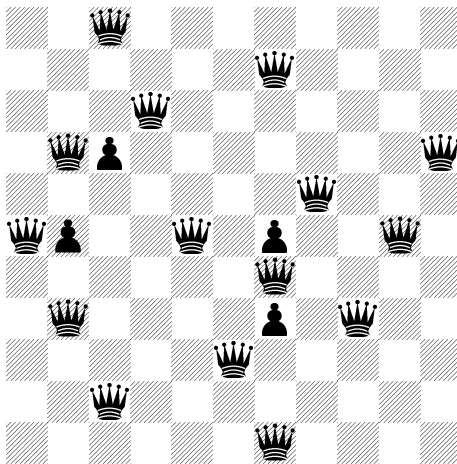
Solution 92



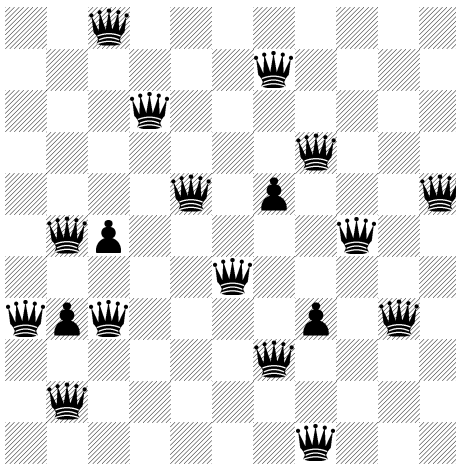
Solution 93



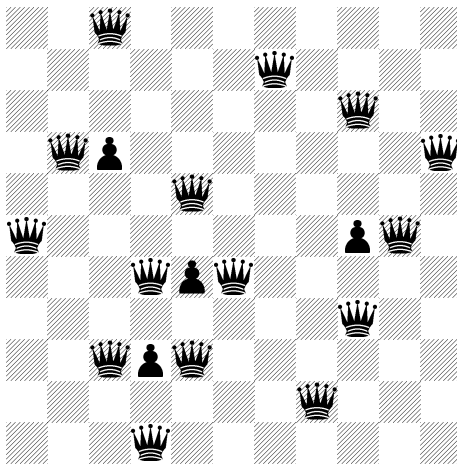
Solution 94



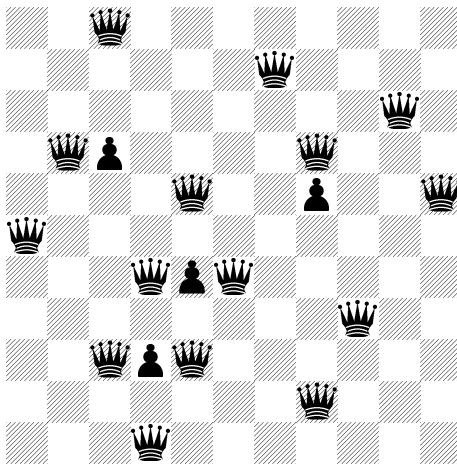
Solution 95



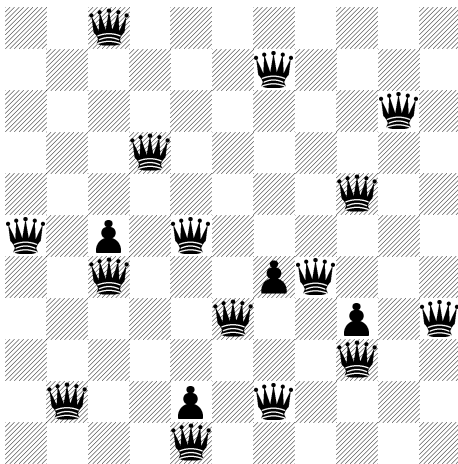
Solution 96



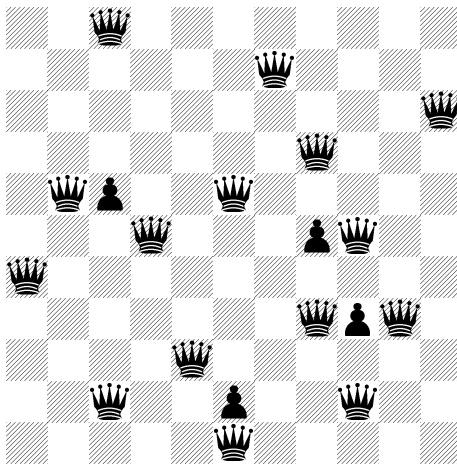
Solution 97



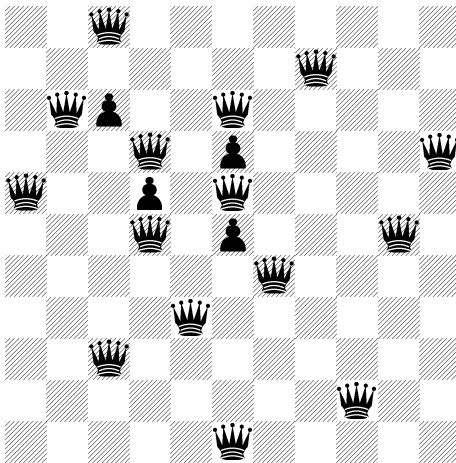
Solution 98



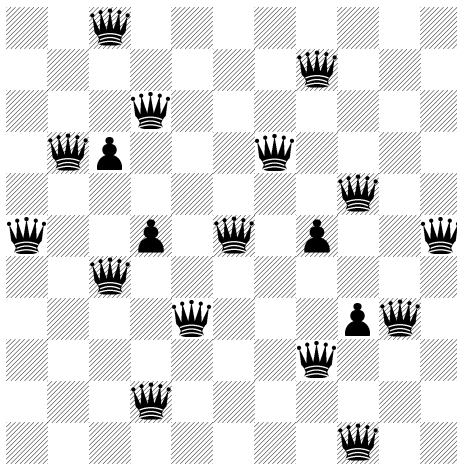
Solution 99



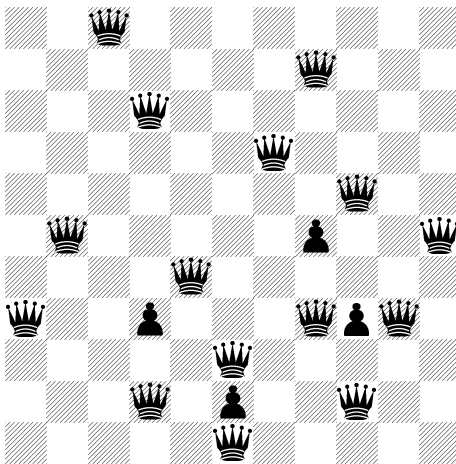
Solution 100



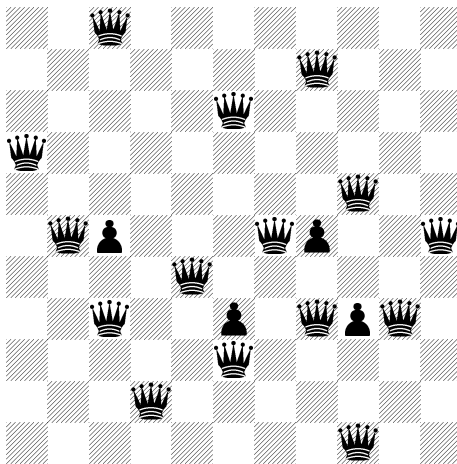
Solution 101



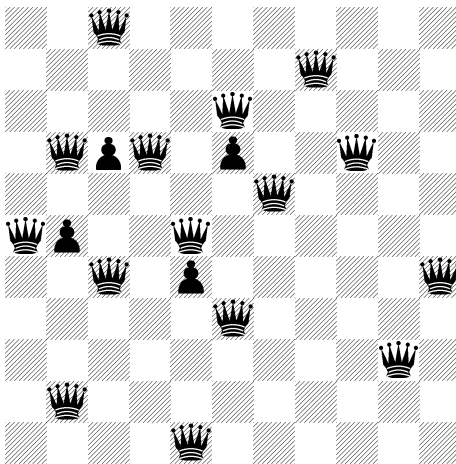
Solution 102



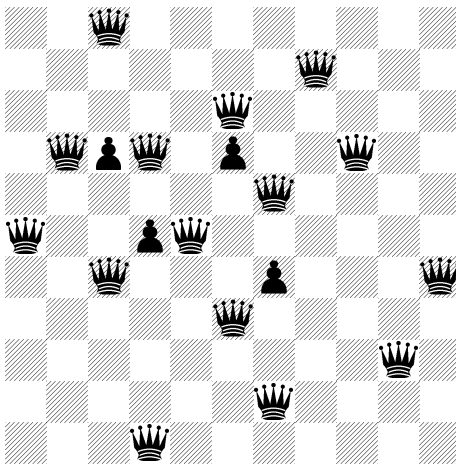
Solution 103



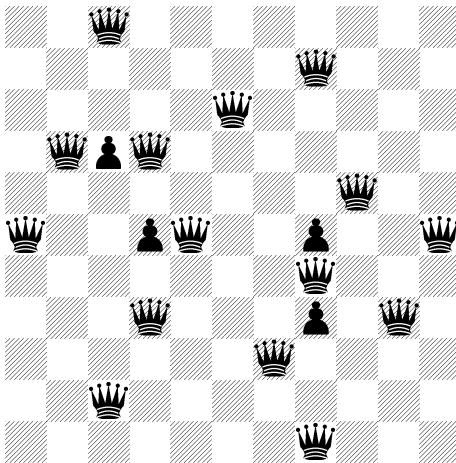
Solution 104



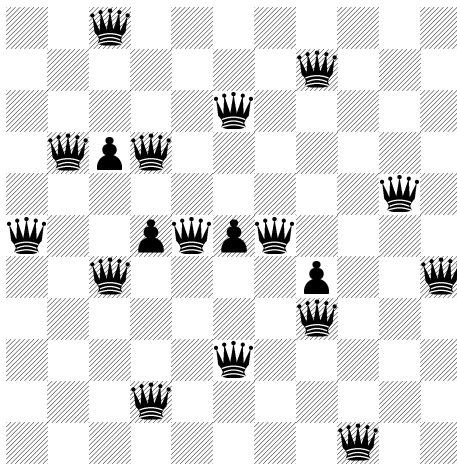
Solution 105



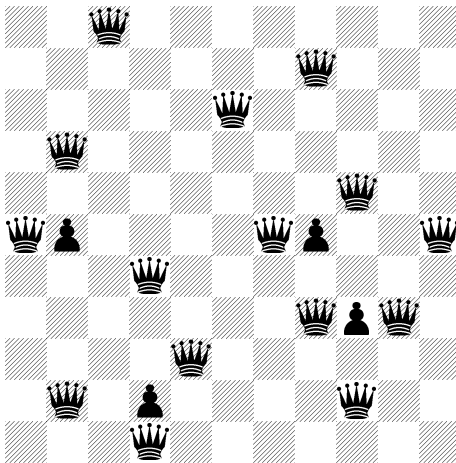
Solution 106



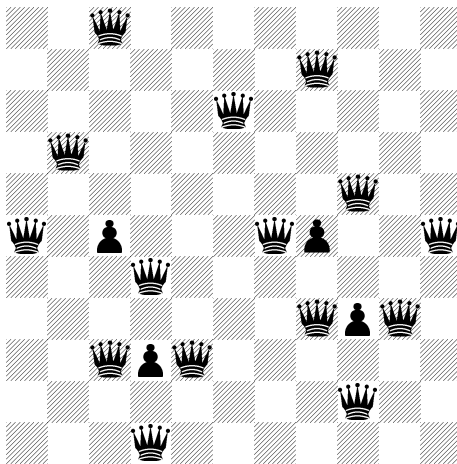
Solution 107



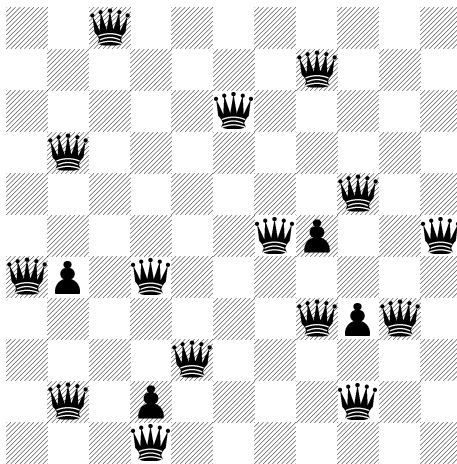
Solution 108



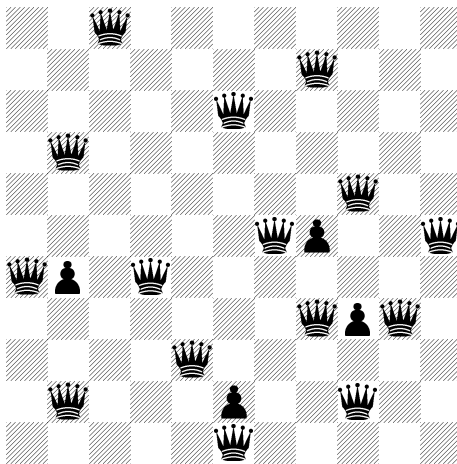
Solution 109



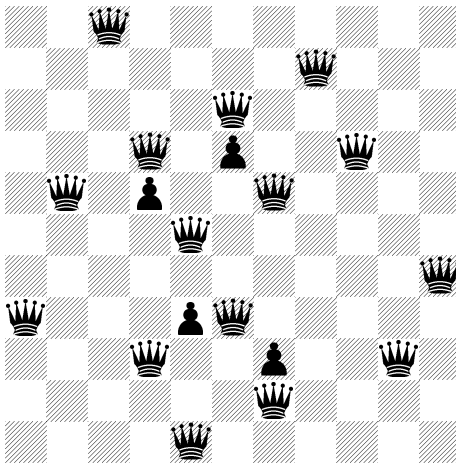
Solution 110



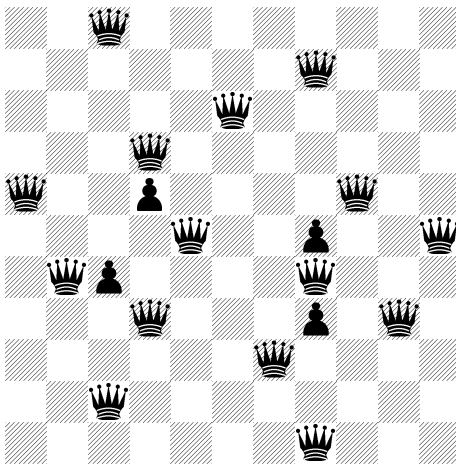
Solution 111



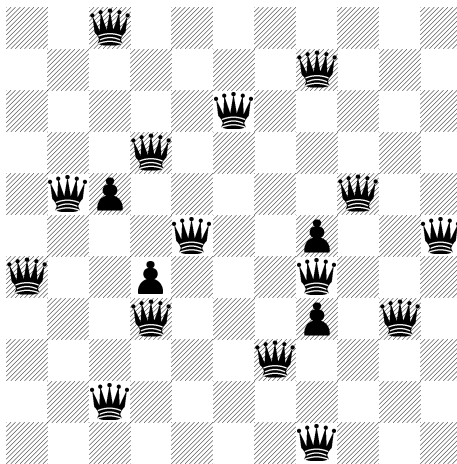
Solution 112



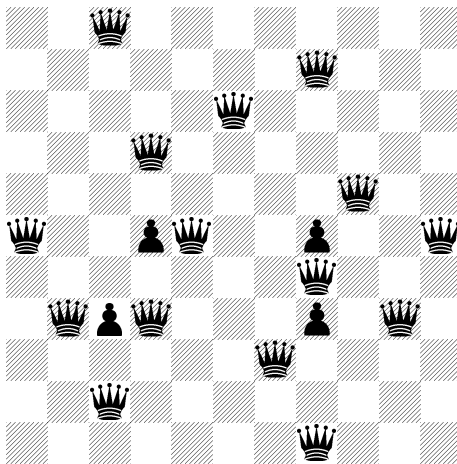
Solution 113



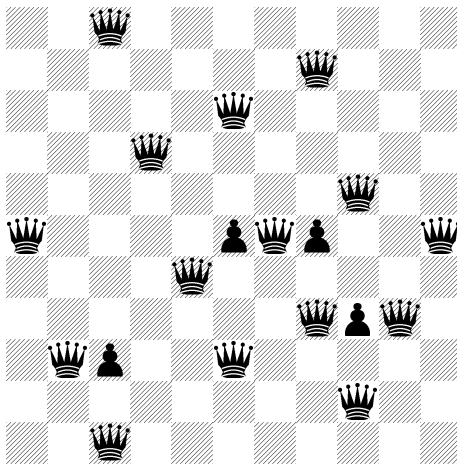
Solution 114



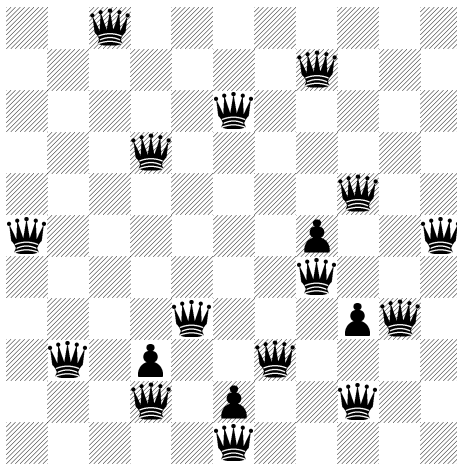
Solution 115



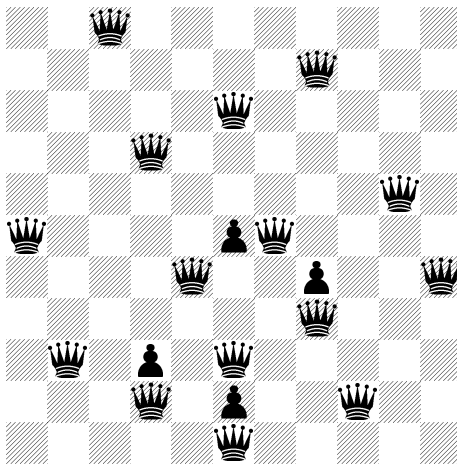
Solution 116



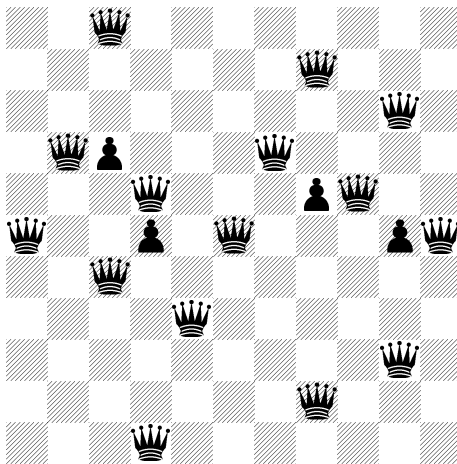
Solution 117



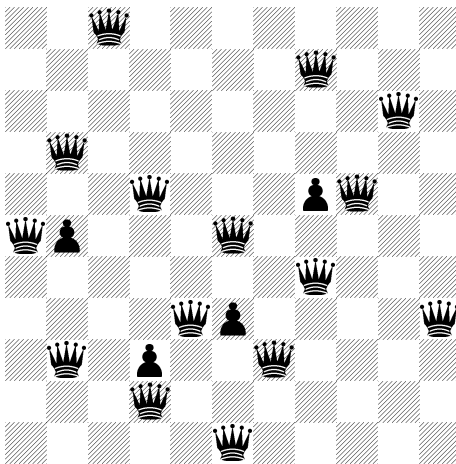
Solution 118



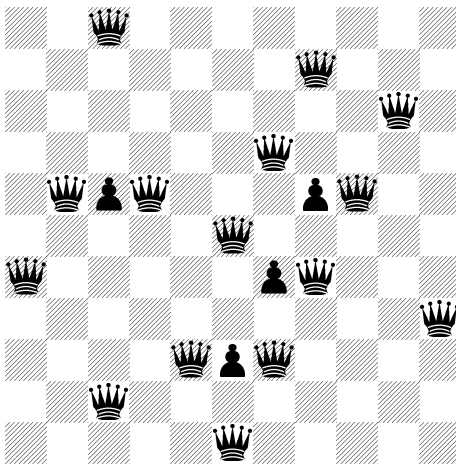
Solution 119



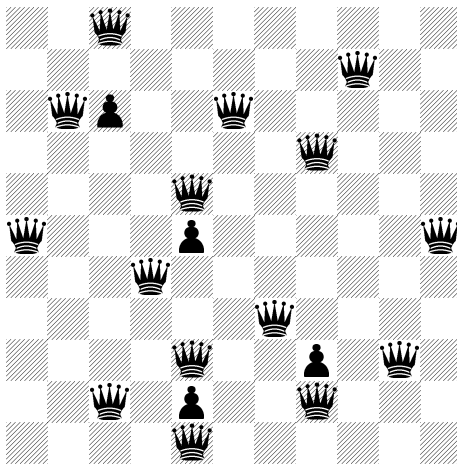
Solution 120



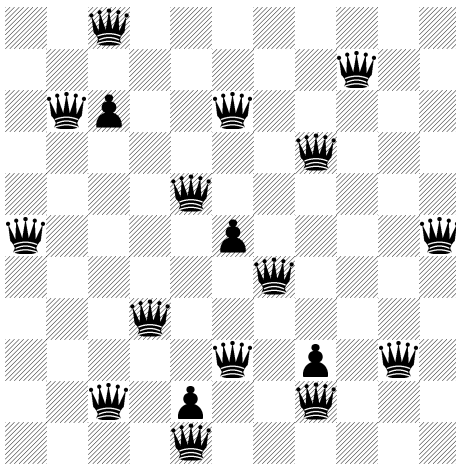
Solution 121



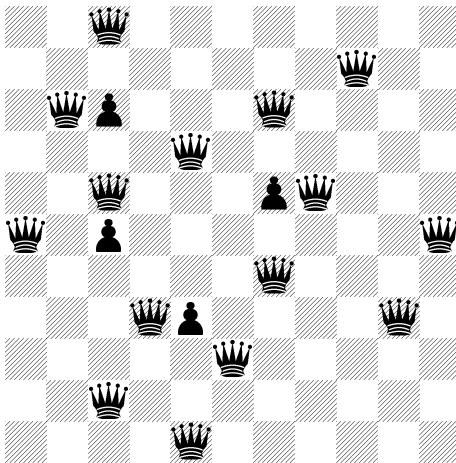
Solution 122



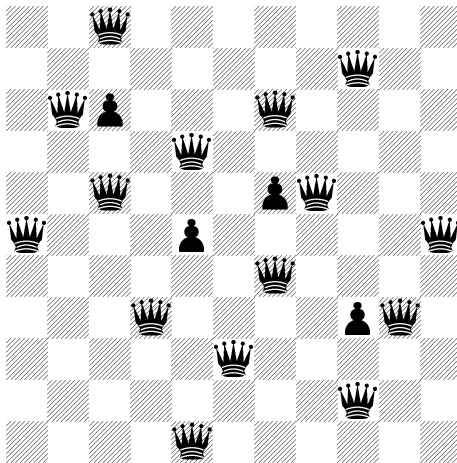
Solution 123



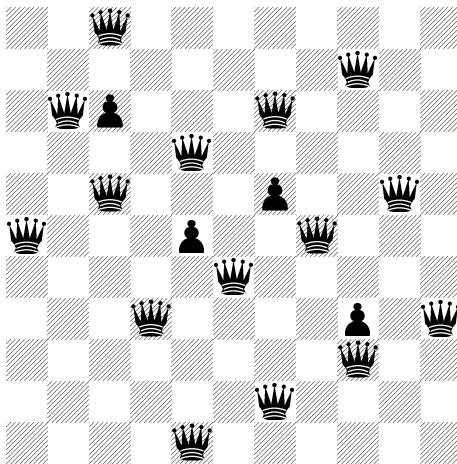
Solution 124



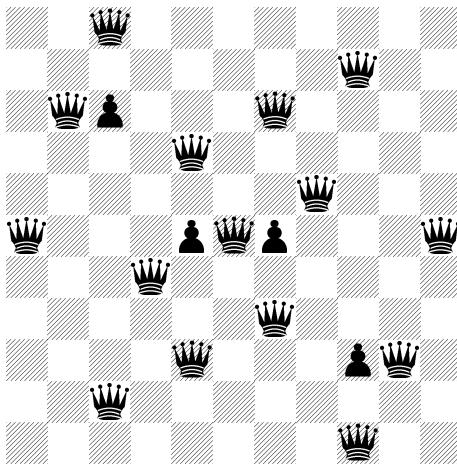
Solution 125



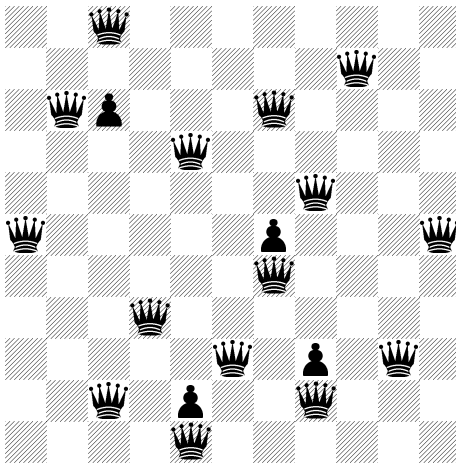
Solution 126



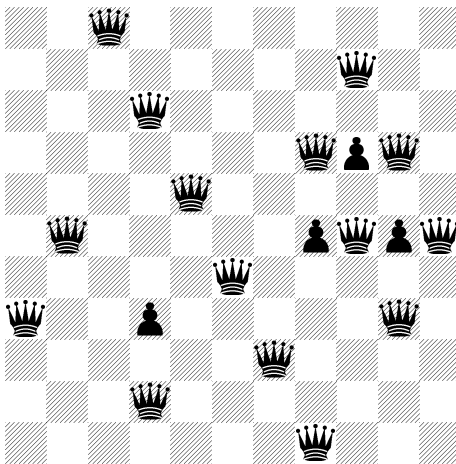
Solution 127



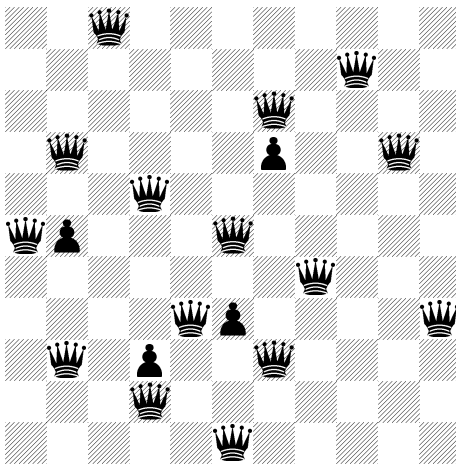
Solution 128



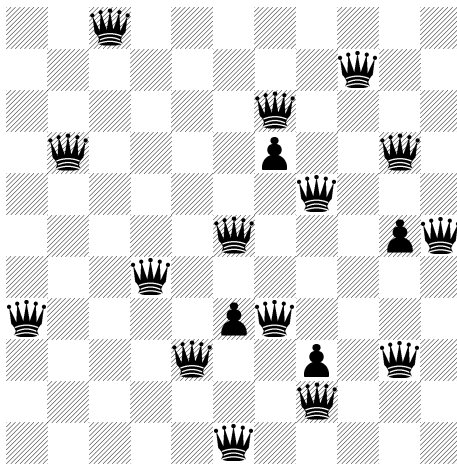
Solution 129



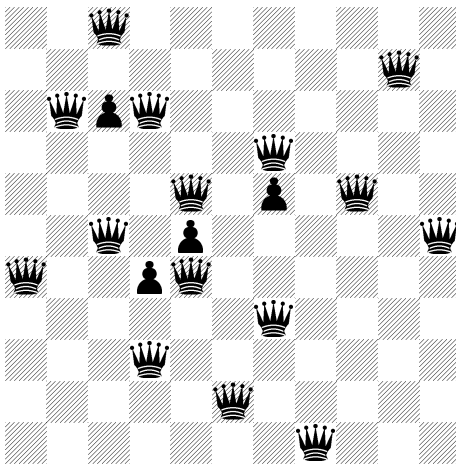
Solution 130



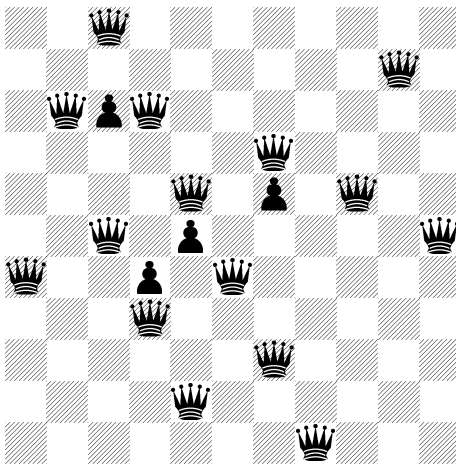
Solution 131



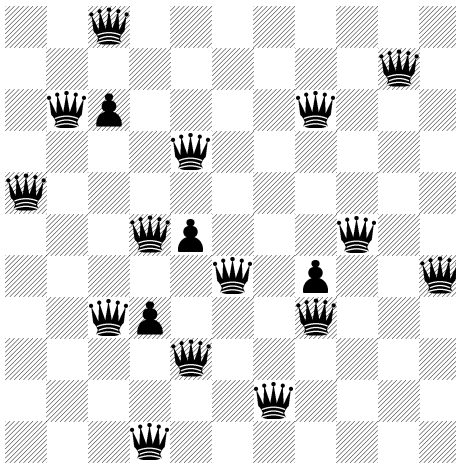
Solution 132



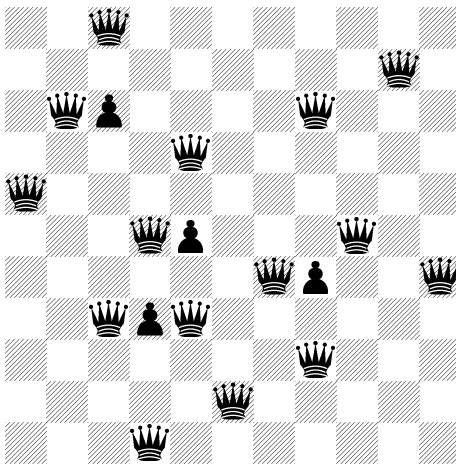
Solution 133



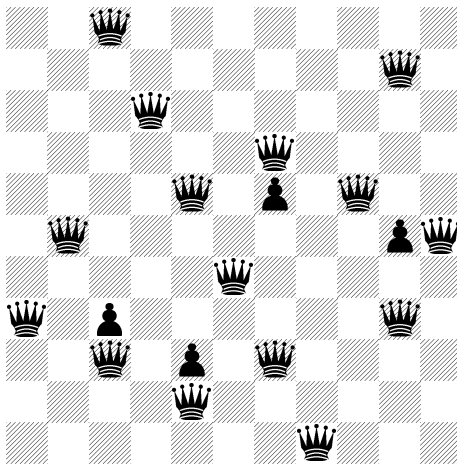
Solution 134



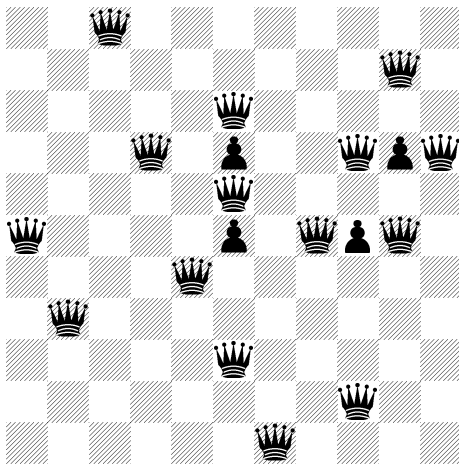
Solution 135



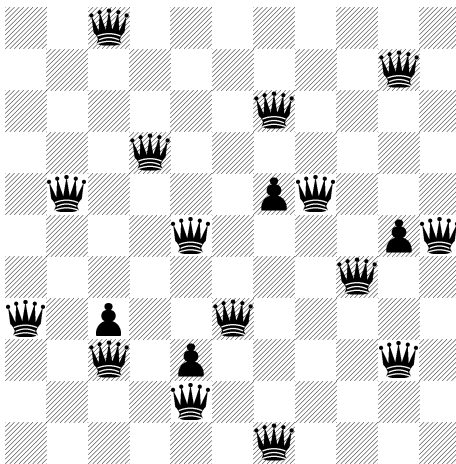
Solution 136



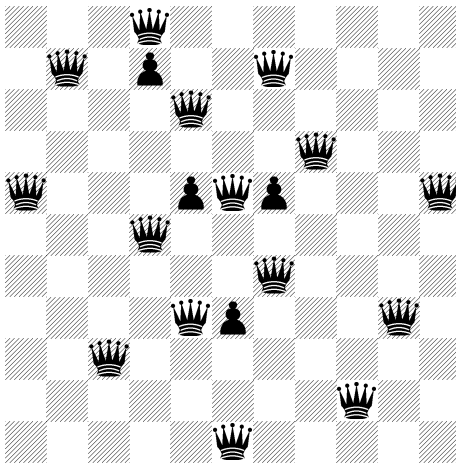
Solution 137



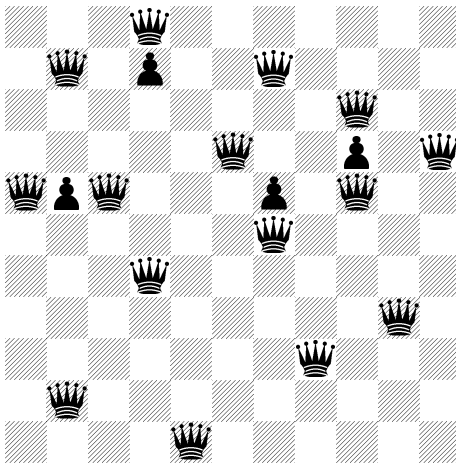
Solution 138



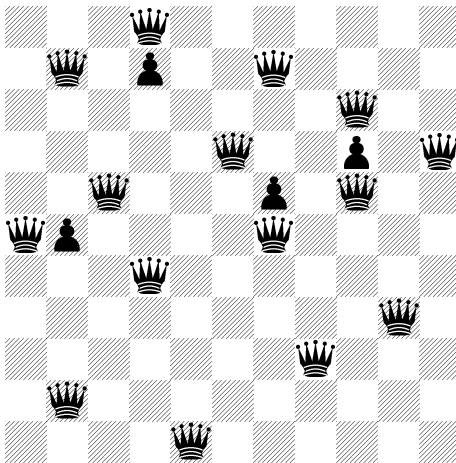
Solution 139



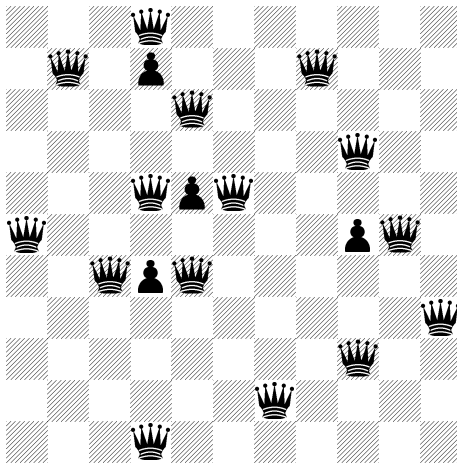
Solution 140



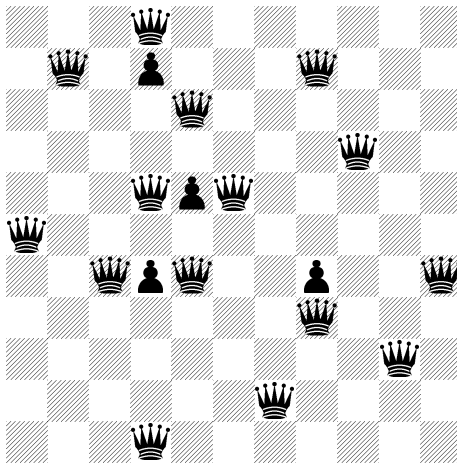
Solution 141



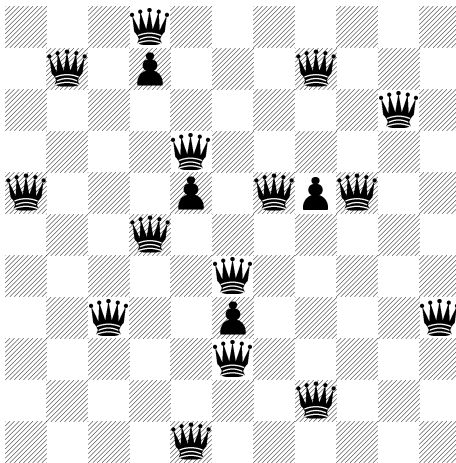
Solution 142



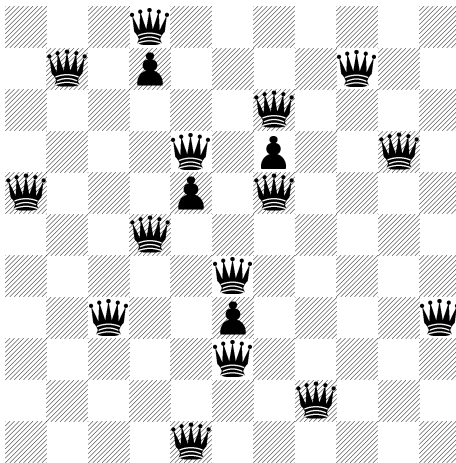
Solution 143



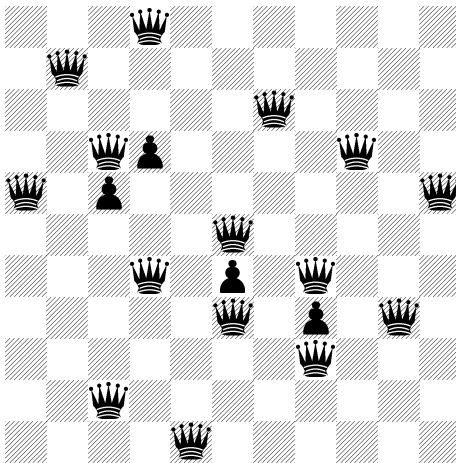
Solution 144



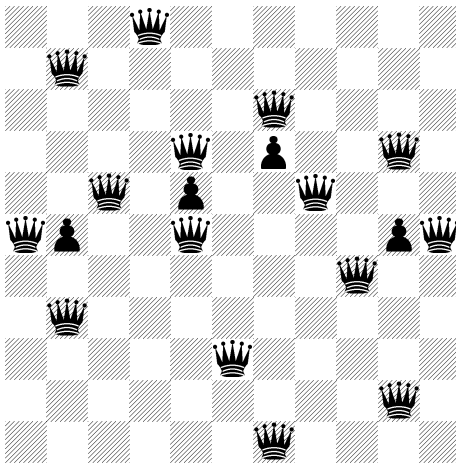
Solution 145



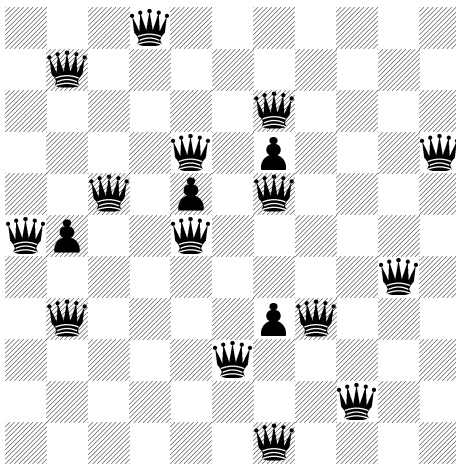
Solution 146



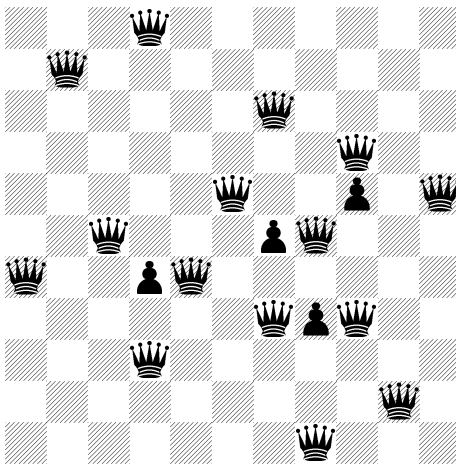
Solution 147



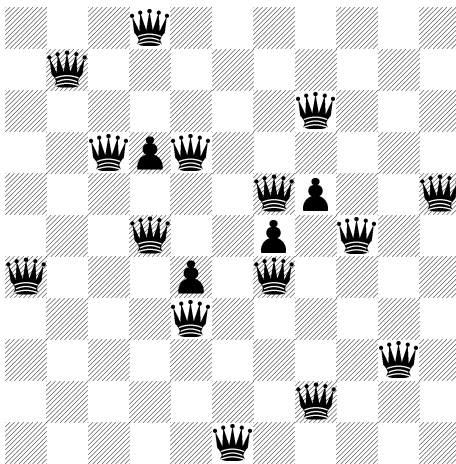
Solution 148



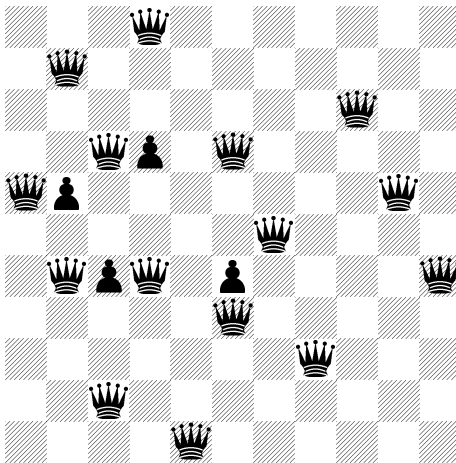
Solution 149



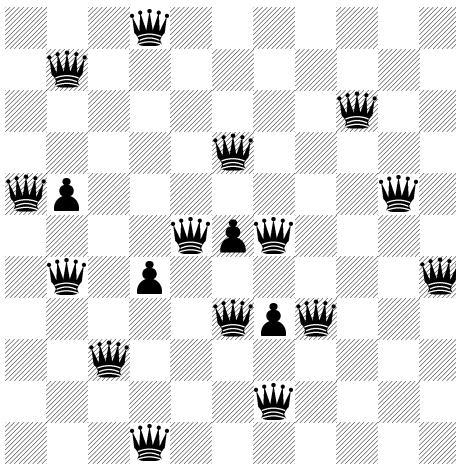
Solution 150



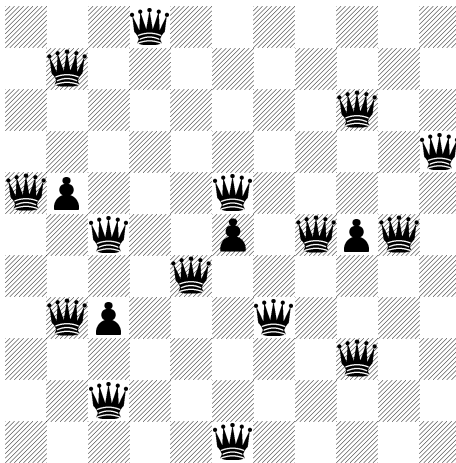
Solution 151



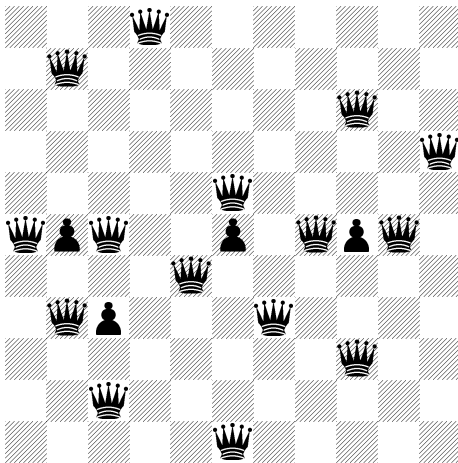
Solution 152



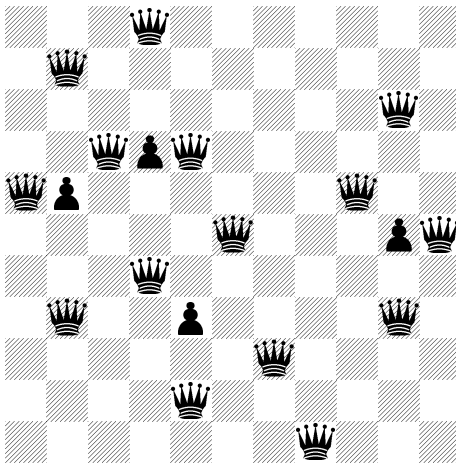
Solution 153



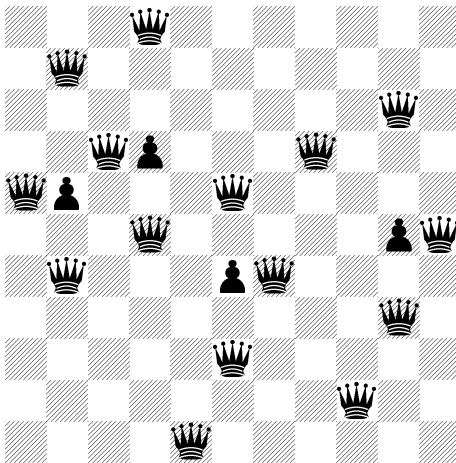
Solution 154



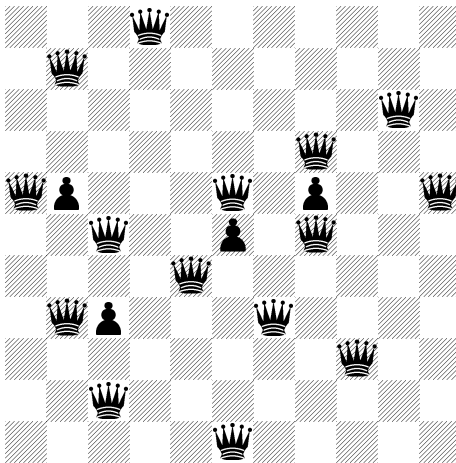
Solution 155



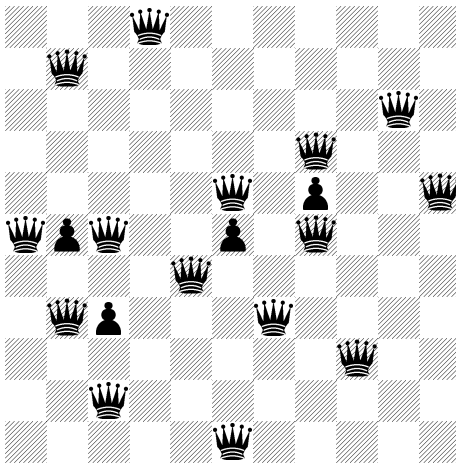
Solution 156



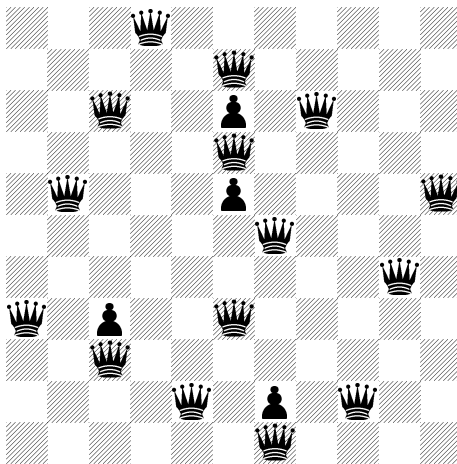
Solution 157



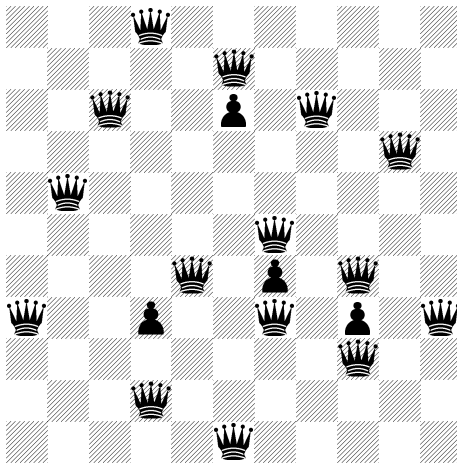
Solution 158



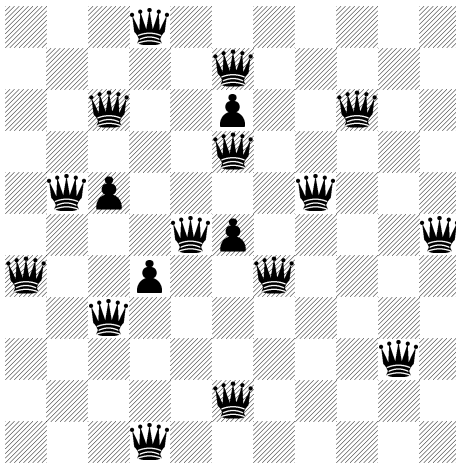
Solution 159



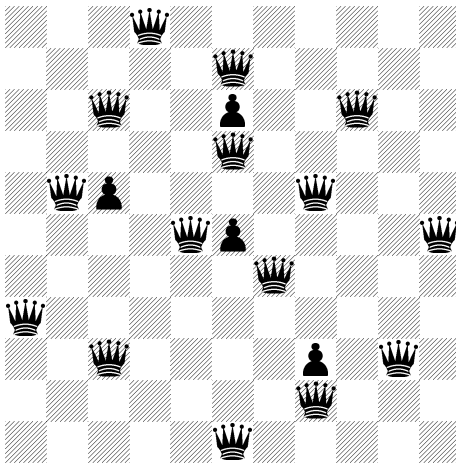
Solution 160



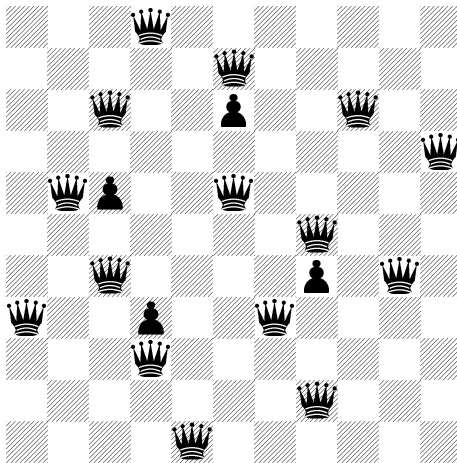
Solution 161



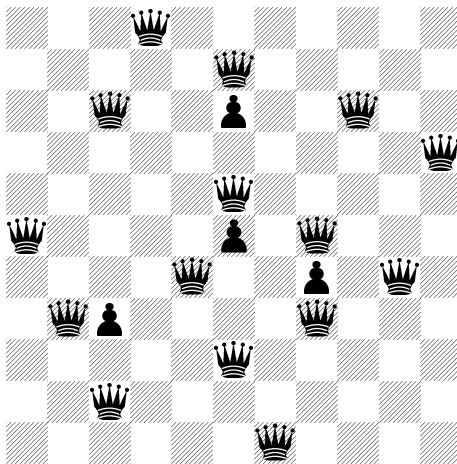
Solution 162



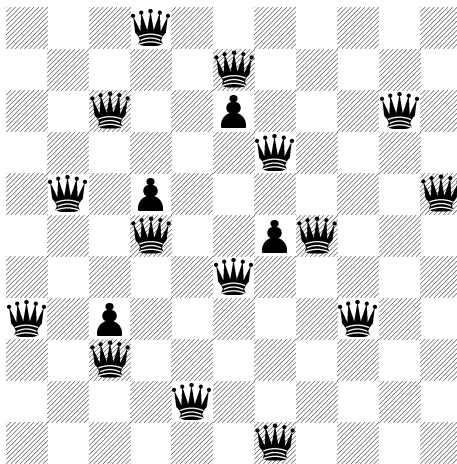
Solution 163



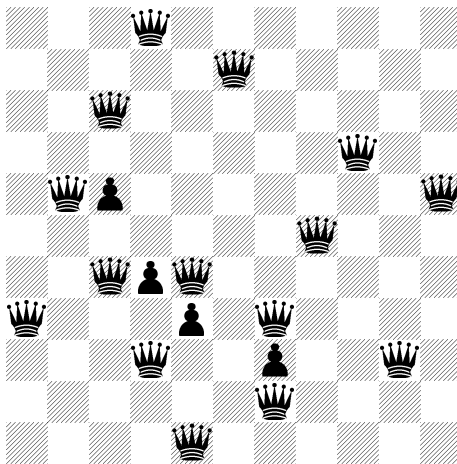
Solution 164



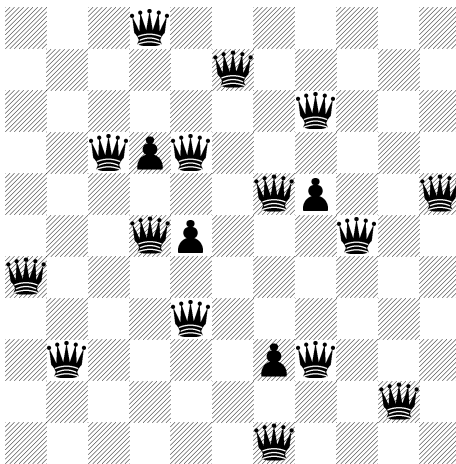
Solution 165



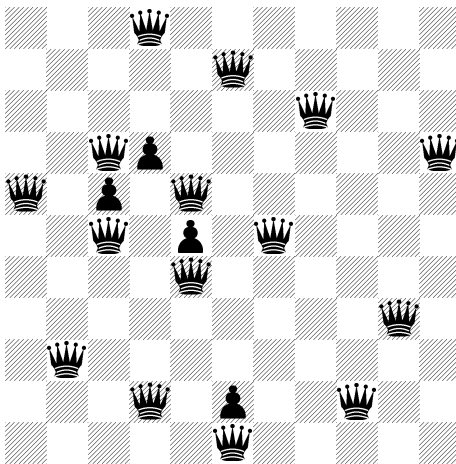
Solution 166



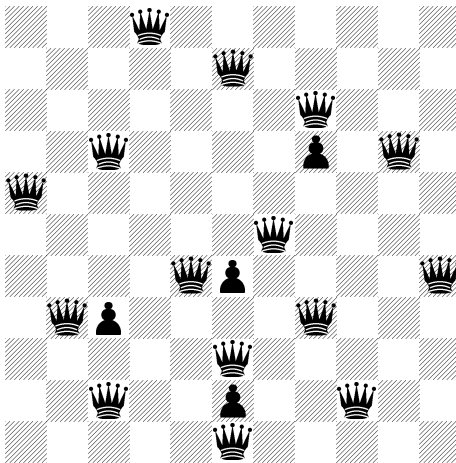
Solution 167



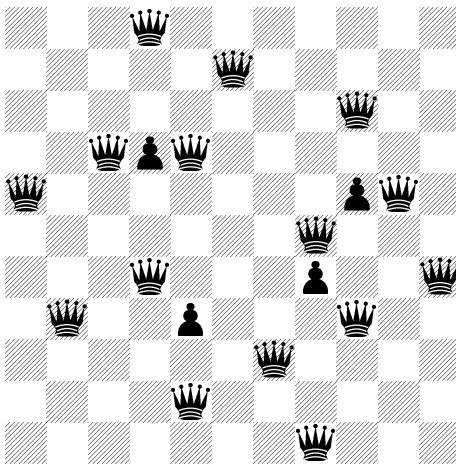
Solution 168



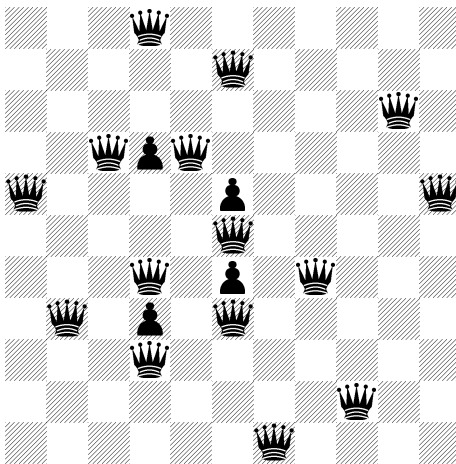
Solution 169



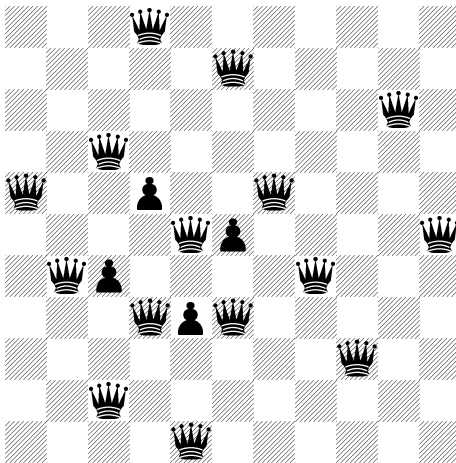
Solution 170



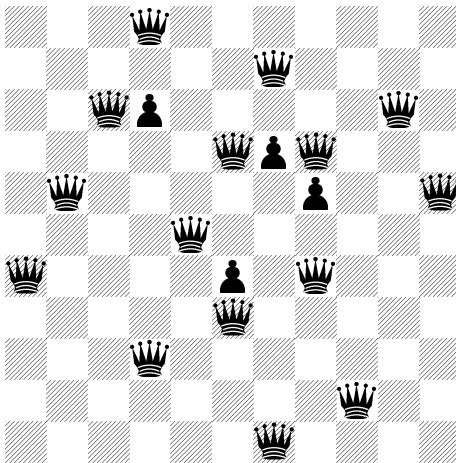
Solution 171



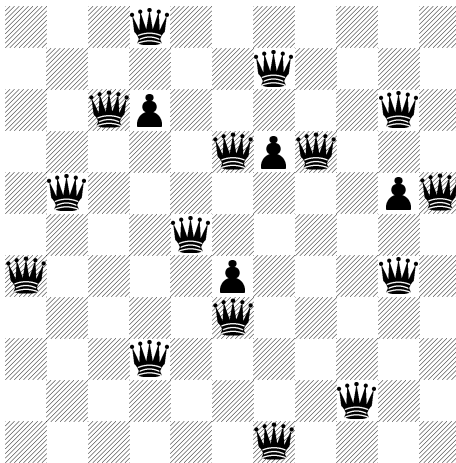
Solution 172



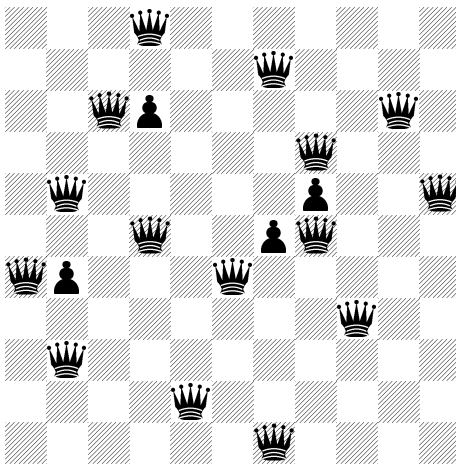
Solution 173



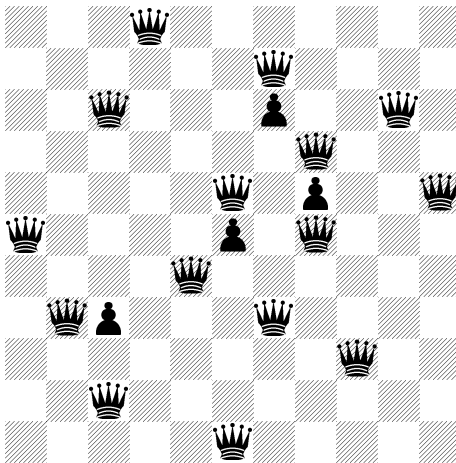
Solution 174



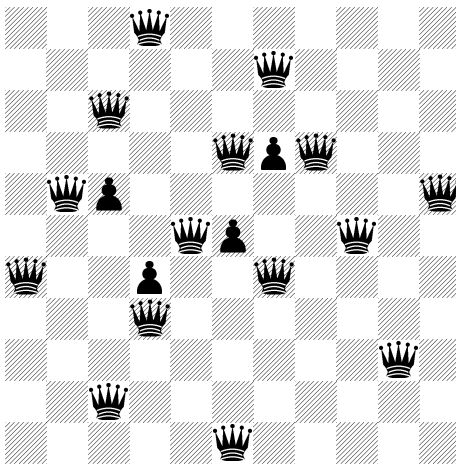
Solution 175



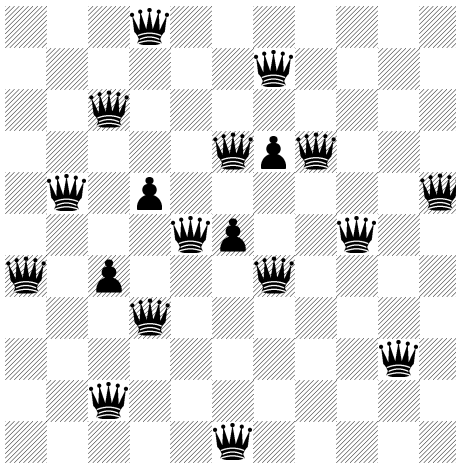
Solution 176



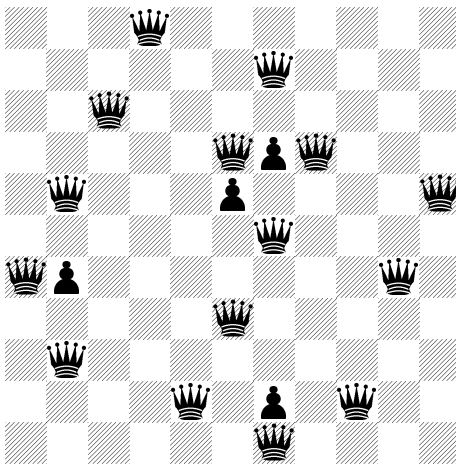
Solution 177



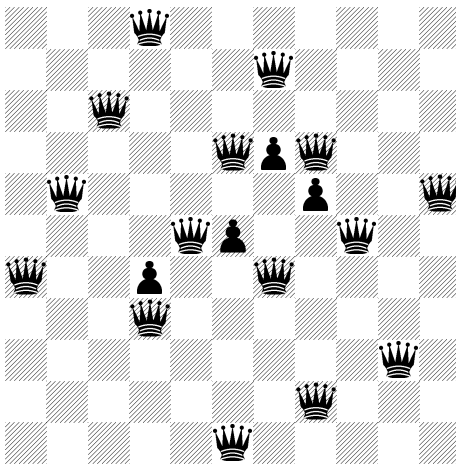
Solution 178



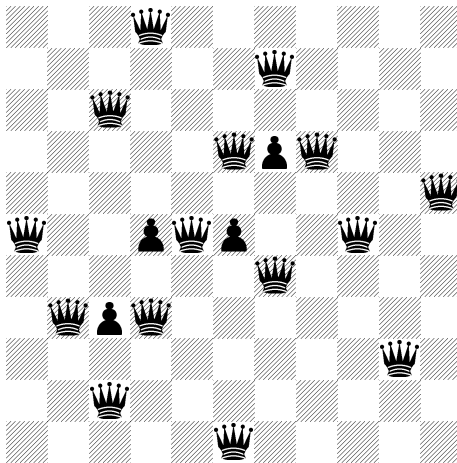
Solution 179



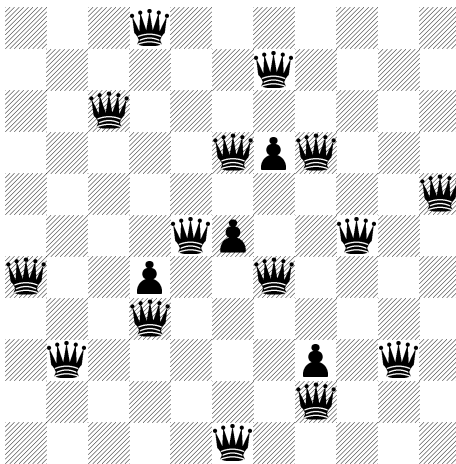
Solution 180



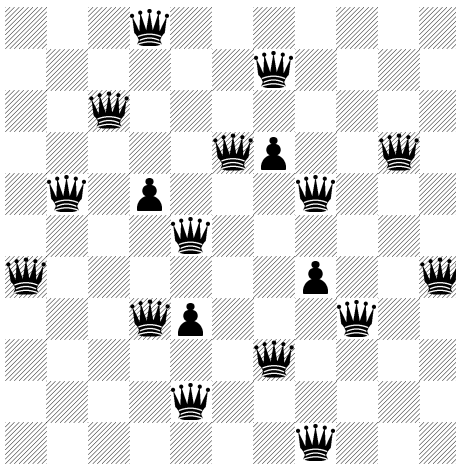
Solution 181



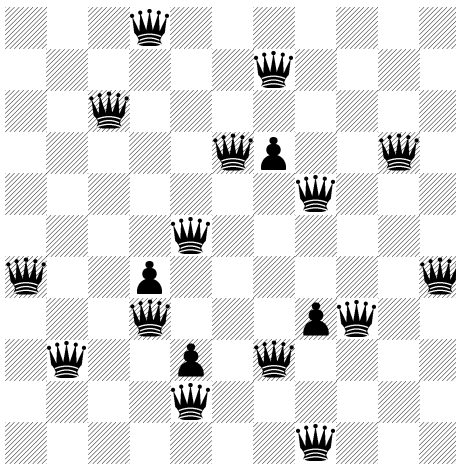
Solution 182



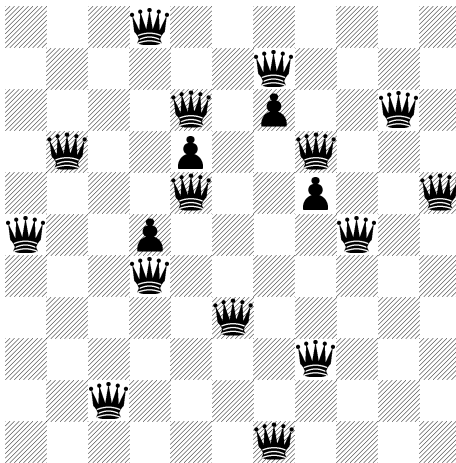
Solution 183



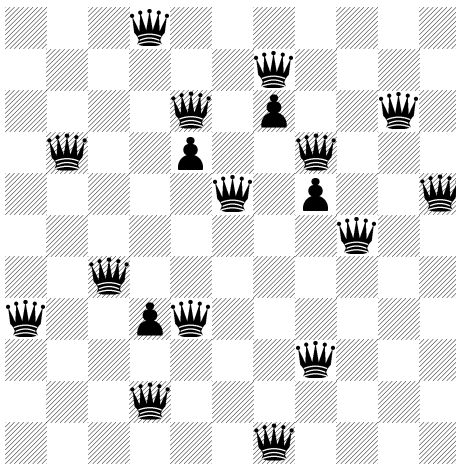
Solution 184



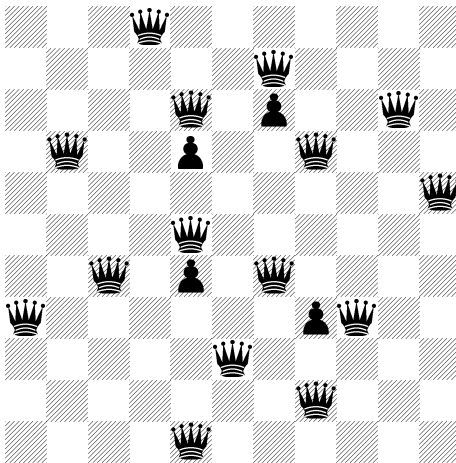
Solution 185



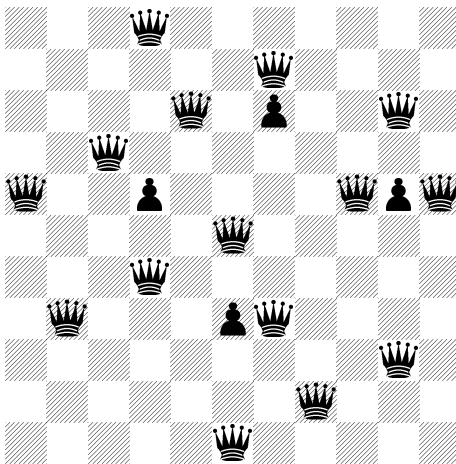
Solution 186



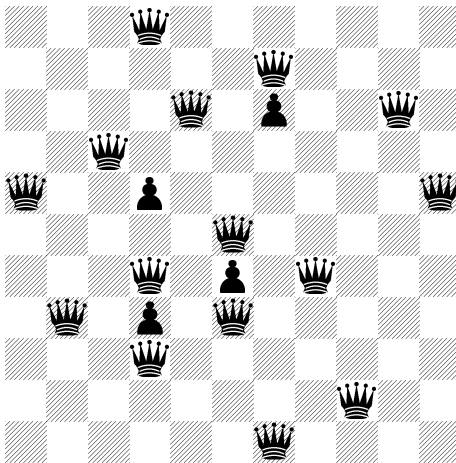
Solution 187



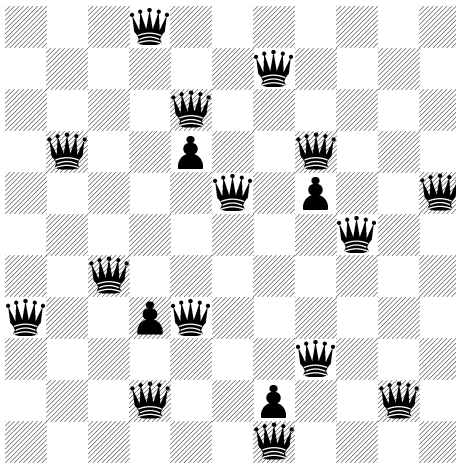
Solution 188



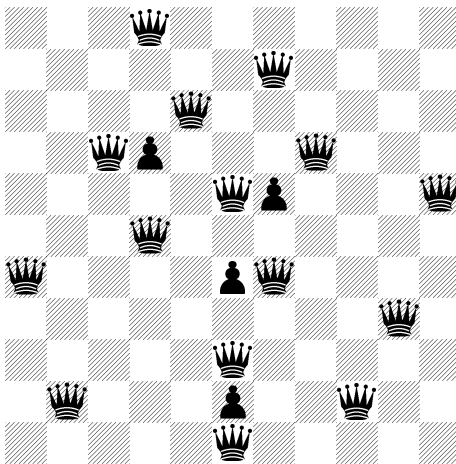
Solution 189



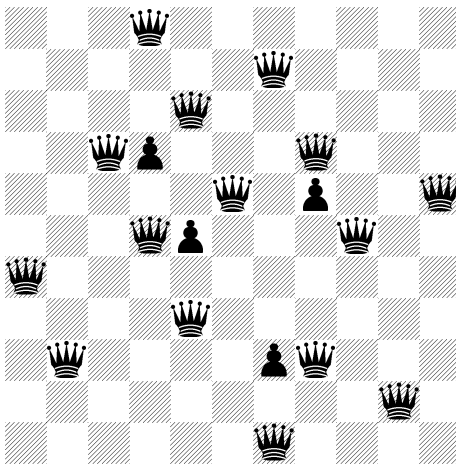
Solution 190



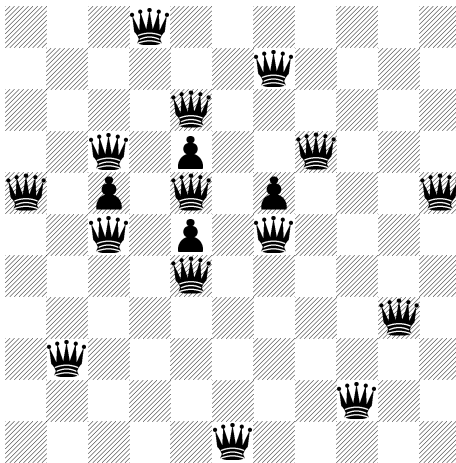
Solution 191



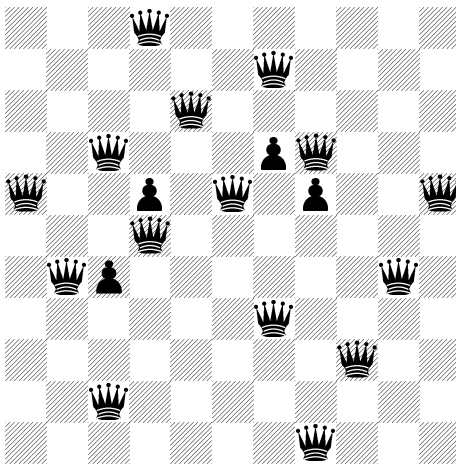
Solution 192



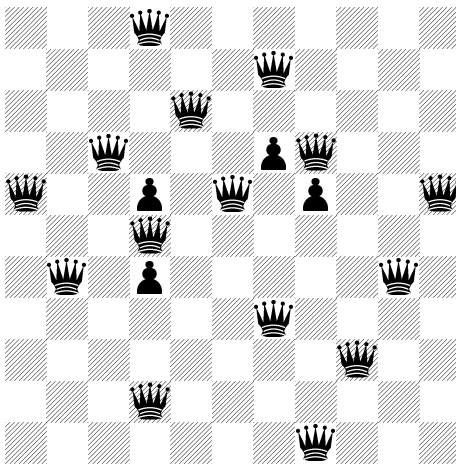
Solution 193



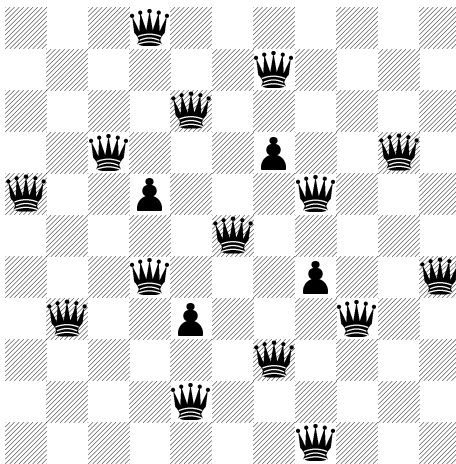
Solution 194



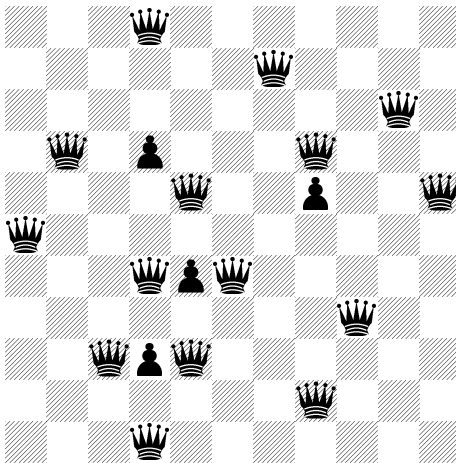
Solution 195



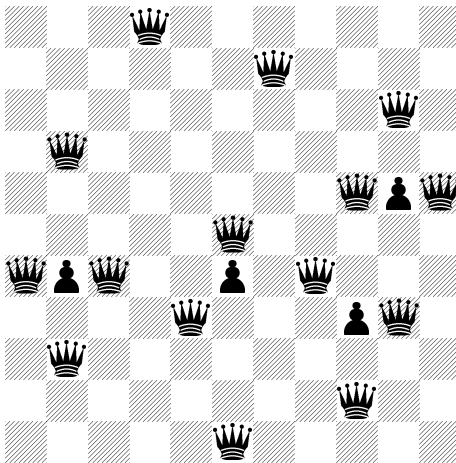
Solution 196



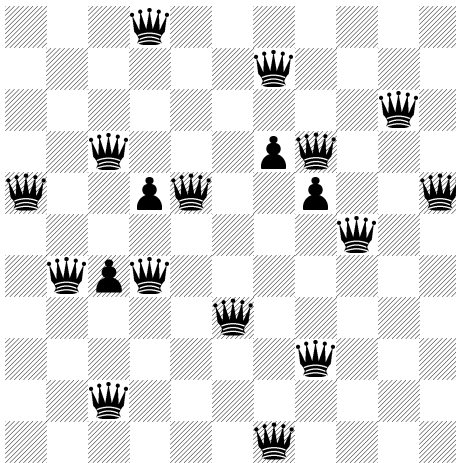
Solution 197



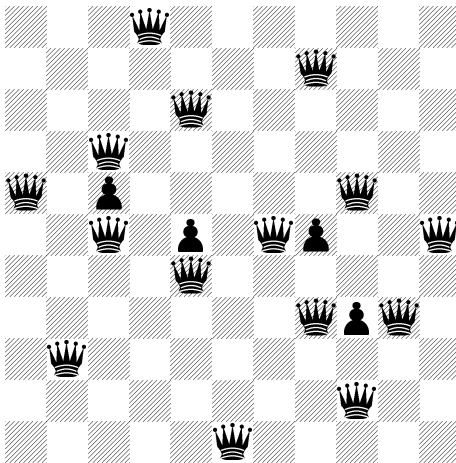
Solution 198



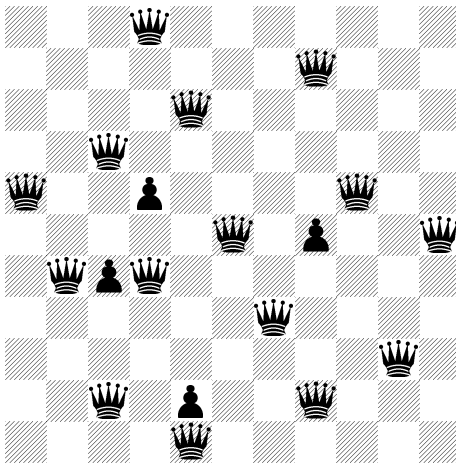
Solution 199



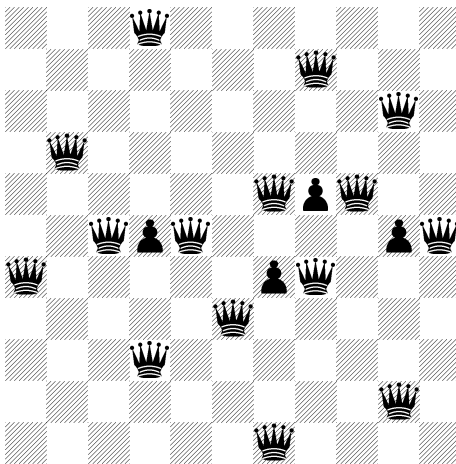
Solution 200



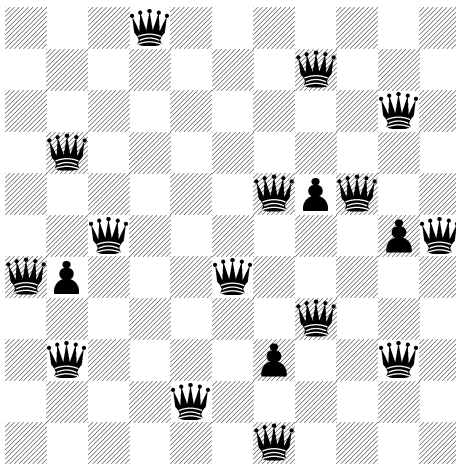
Solution 201



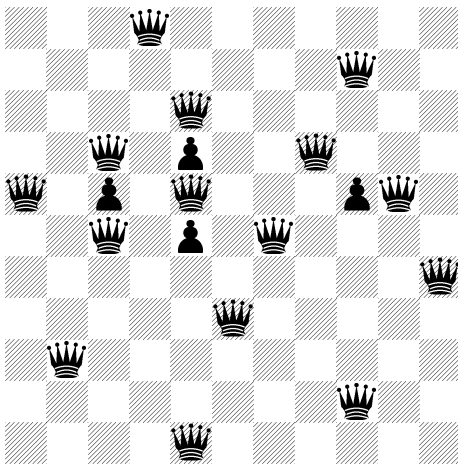
Solution 202



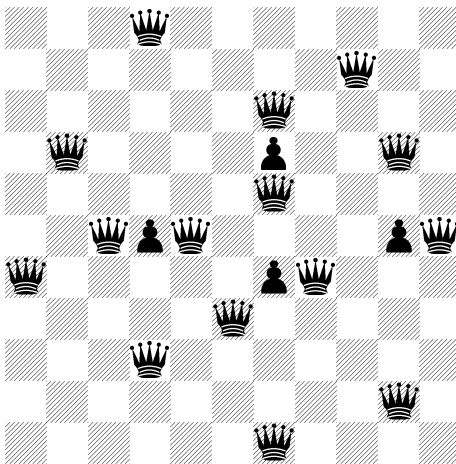
Solution 203



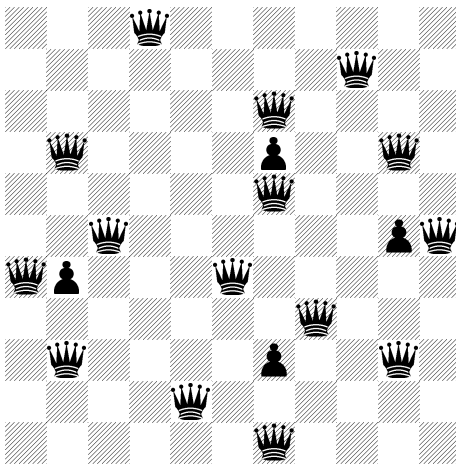
Solution 204



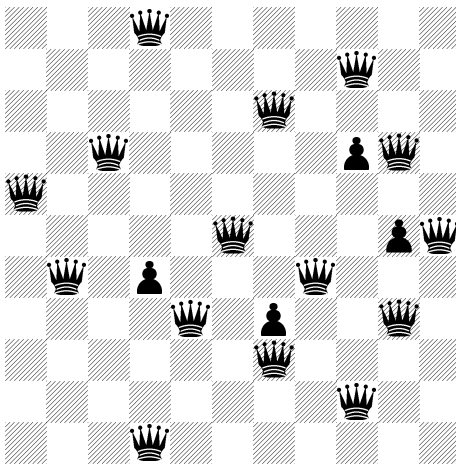
Solution 205



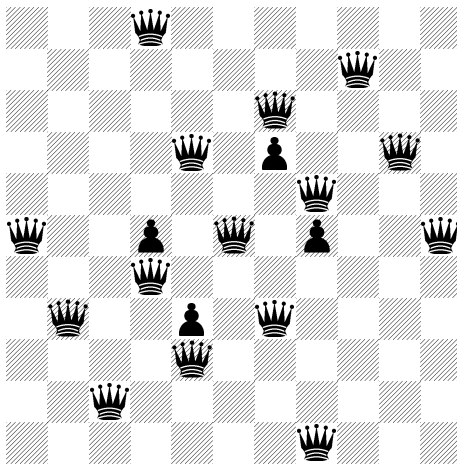
Solution 206



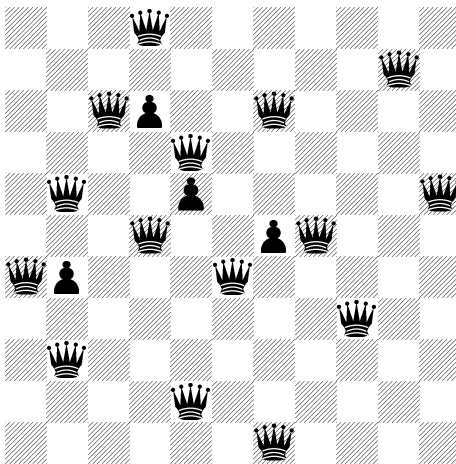
Solution 207



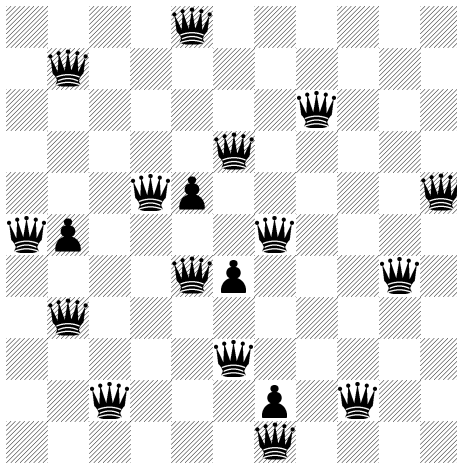
Solution 208



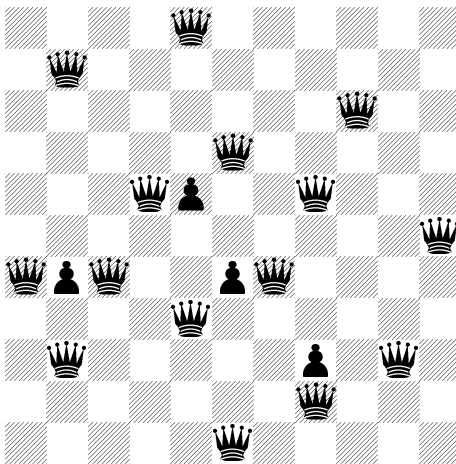
Solution 209



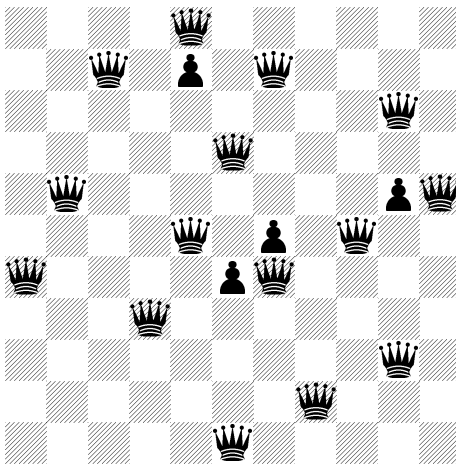
Solution 210



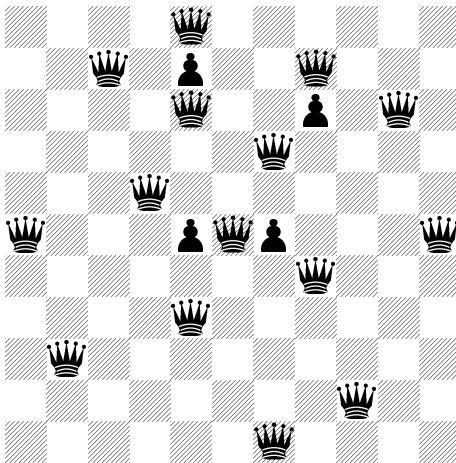
Solution 211



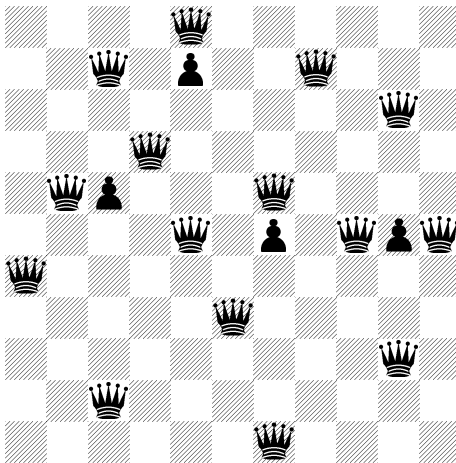
Solution 212



Solution 213



Solution 214



Solution 215

