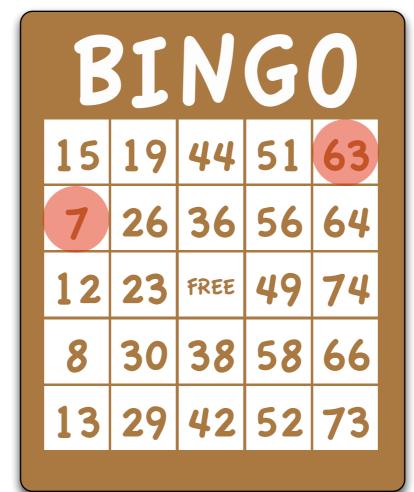# Bingo!

Once a player "wins" (accepts the desired number of trajectories), she is done. Play continues for the others.

Two speedups

1. Each trajectory can by accepted by more than one distribution: reducing the number of semiclassical trajectories.

2. Each trajectory only needs to be run one time (we sample all distributions simultaneously): massive reduction in the number of classical trajectories.

$$\int \mathrm{d}x\, A(x)B(x)C(x) = N_{AB} \left\langle e^{i\phi_{AB}(x)} C(x) \right\rangle_{|A(x)B(x)|}$$