2.7. If the energy is restricted to 4ε,

(1) $4 \times 1\varepsilon$, $\binom{7}{4}$ microstates

$2 \times 1\varepsilon$, $1 \times 2\varepsilon$, $\binom{7}{2} \times \binom{5}{1}$ microstates

$1 \times 1\varepsilon$, $1 \times 3\varepsilon$, $\binom{7}{1} \times \binom{6}{1}$

$0 \times 1\varepsilon$, $2 \times 2\varepsilon$, $\binom{7}{2}$

$1 \times 4\varepsilon$, $\binom{7}{1}$ microstates.