

Glazer & Mark.

27. If the energy is restricted to 7ϵ ,

$$\begin{array}{ll} \text{a) } 4 \times 1\epsilon, & \binom{7}{4} \text{ microstates} \\ 2 \times 1\epsilon, 1 \times 2\epsilon, & \binom{7}{2} \times \binom{5}{1} \text{ microstates} \\ 1 \times 1\epsilon, 1 \times 3\epsilon, & \binom{7}{1} \times \binom{6}{1} \\ 0 \times 1\epsilon, 2 \times 2\epsilon, & \binom{7}{2} \\ 1 \times 4\epsilon, & \binom{7}{1} \text{ microstates} \end{array}$$