

Act 1

For a cubical box, we just saw that the 5th energy level is at $12 E_0$, with a degeneracy of 1 and quantum numbers (2,2,2).

1. What is the energy of the next energy level?

- a. $13E_0$ b. $14E_0$ c. $15E_0$

2. What is the degeneracy of this energy level?

- a. 2 b. 4 c. 6