

7	<p>C is the correct answer as the possible jumps in energy levels are from $n=3$ to $n=2$, $n=3$ to $n=1$ and $n=2$ to $n=1$.</p> <p>A is not the correct answer as there is more than one possible energy level jump.</p> <p>B is not the correct answer as there are more than two possible energy level jumps.</p> <p>D is not the correct answer as there are less than four possible energy level jumps.</p>	(1)
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