Question The equation $N(m)=65(Q)^{\frac{m}{4}}$ gives the predicted population N(m), in thousands, of a certain bacteria colony m minutes after the initial measurement, where Q is a constant greater than 1 . The predicted population increases by p% every 120 seconds. What is the value of p in terms of Q ? Options $100\left(Q^{rac{1}{2}}+1 ight)$ A $100\left(Q^{30}+1 ight)$ B $100\left(Q^{rac{1}{2}}-1 ight)$ C $100\left(Q^{30}-1 ight)$ D Correct Answer: C