Blue-eyed humans were once very rare. Virtually all individuals had shades of brown or gray eyes. About 2000 years ago, estimates place the incidence of blue eyes at about $0.2 \%$ of the population. The evidence suggests that blue eyes became more common very slowly at first, and began to be much more common about 700 years ago, when blue-eyed individuals accounted for about $5 \%$ of the population. Now, the incidence of blue eyes is at about $20 \%$ of the world population.
Assuming exponential growth, when could blue eyes be expected to be found in $40 \%$ of the population?

| Year | Incidence of blue eyes |
| ---: | ---: |
| 1 | 0.002 |
| 1411 | 0.05 |
| 2011 | 0.2 |



This is the answer space.

