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your writing partner

Date ___/___/_____

Akshar Singh

Lab 3

Q3

$$P(\text{at least 1 b'day match}) = 1 - P(\text{no b'day match})$$

$$= 1 - \frac{365 \cdot 364 \cdots (365-k+1)}{365^k}$$

for $k = 50$ $\quad P \approx 0.97$