UNIT 12 EXERCISES 1-5

PROBABILITY

2004B   4. An integer x, with $10 \leq x \leq 99$, is to be chosen. If all choices are equally likely, what is the probability that at least one digit of x is a 7?

(A) $\frac{1}{9}$ (B) $\frac{1}{5}$ (C) $\frac{19}{90}$ (D) $\frac{2}{9}$ (E) $\frac{1}{3}$