UNIT 12 EXERCISES 1-5

PROBABILITY

2004B 4. **(B)** There are 90 possible choices for x. Ten of these have a units digit of 7, and nine have a tens digit of 7. Because 77 has been counted twice, there are $10 + 9 - 1 = 18$ choices of x for which at least one digit is a 7. Therefore the probability is $\frac{18}{90} = \frac{1}{5}$.