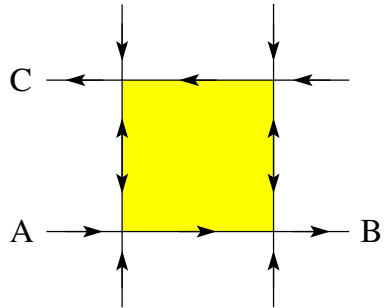


[nex86] **Random traffic around city block**

A city block is surrounded by streets with one-way and two-way traffic as shown. At intersections where drivers have a choice they choose randomly from the available options. U-turns are prohibited.

With what probability does a car that starts out at point *A* end up (i) at point *B*, (ii) at point *C*?



Solution: