



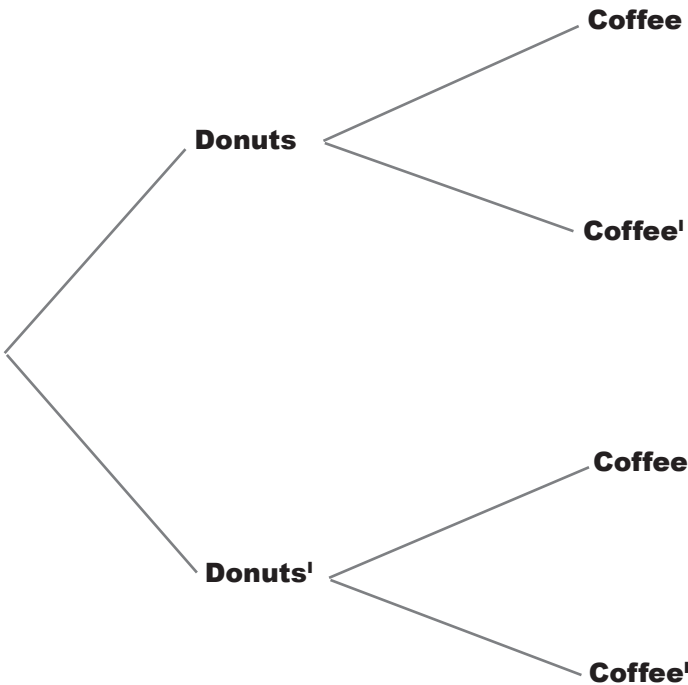
# Probability Magnets

Duncan's Donuts are looking into the probabilities of their customers buying donuts *and* coffee. They drew up a probability tree to show the probabilities, but in a sudden gust of wind, they all fell off. Your task is to pin the probabilities back on the tree. Here are some clues to help you.

$P(\text{Donuts}) = 3/4$

$P(\text{Coffee} \mid \text{Donuts}) = 1/3$

$P(\text{Donuts} \cap \text{Coffee}) = 9/20$



2/3

3/5

2/5

1/4

3/4

1/3