



Exercise

We haven't quite finished with Duncan's Donuts! Now that you've completed the probability tree, you need to use it to work out some probabilities.

1. $P(\text{Donuts})$

2. $P(\text{Donuts} \cap \text{Coffee})$

3. $P(\text{Coffee} \mid \text{Donuts})$

4. $P(\text{Coffee})$ ← Hint: How many ways are there of getting coffee? (You can get coffee with or without donuts.)

5. $P(\text{Donuts} \mid \text{Coffee})$

← Hint: maybe some of your other answers can help you.