**Introduction to tree diagrams**

Name…………………………………………………. date………………



P( red) =

P(blue)=

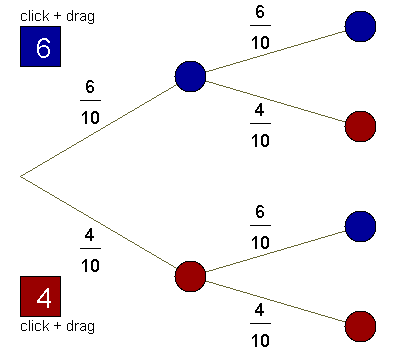
Sam takes out one ball and records the colour and puts it back. He then takes another ball and again records its colour.

List the different combinations he can pick.

|  |  |
| --- | --- |
| First pick | Second pick |
|  |  |
|  |  |
|  |  |
|  |  |

You can list all the outcomes in a tree diagram.

Pick 1 Pick 2



What is the probability I get 2 red counters?

P() =

P() =