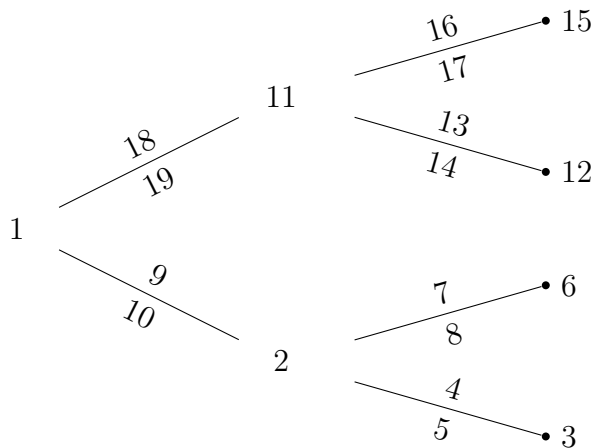Use the code below to get this probability tree:


```
\tikzstyle{level 1}=[level distance=3.5cm, sibling distance=3.5cm]
\tikzstyle{level 2}=[level distance=3.5cm, sibling distance=2cm]

\tikzstyle{bag} = [text width=4em, text centered]
\tikzstyle{end} = [circle, minimum width=3pt,fill, inner sep=0pt]

\begin{tikzpicture}[grow=right, sloped]
\node[bag] {1}
    child {
        node[bag] {2}
            child {
                node[end, label=right:
                    {3}] {}
                edge from parent
                node[above] {4}
                node[below] {5}
            }
            child {
                node[end, label=right:
                    {6}] {}
                edge from parent
                node[above] {7}
                node[below] {8}
            }
            edge from parent
            node[above] {9}
            node[below] {10}
    }
    child {
        node[bag] {11}
        child {
                node[end, label=right:
                    {12}] {}
                edge from parent
```

```
                    node[above] {13}
                    node[below] {14}
                }
                child {
                    node[end, label=right:
                        {15}] {}
                    edge from parent
                    node[above] {16}
                    node[below] {17}
                }
            edge from parent
                node[above] {18}
                node[below] {19}
    };
\end{tikzpicture}
```

Find the example here: http://www.texample.net/tikz/examples/probability-tree/