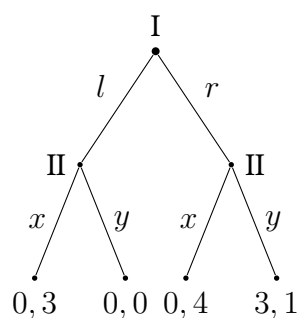


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$0,3$}] {}
      edge from parent node[left] {$x$}
    }
    child { node[mydot, label=below: {$0,0$}] {}
      edge from parent node[right] {$y$}
    }
    edge from parent node[above left] {$l$}
  }
  child { node[mydot] (b) {}
    child { node[mydot, label=below: {$0,4$}] {}
      edge from parent node[left] {$x$}
    }
    child { node[mydot, label=below: {$3,1$}] {}
      edge from parent node[right] {$y$}
    }
    edge from parent node[left] {$m$}
  }
  child { node[mydot, label=right: {II}] {}
    child { node[mydot, label=below: {$0,1$}] {}
      edge from parent node[left] {$x$}
    }
    child { node[mydot, label=below: {$1,0$}] {}
      edge from parent node[right] {$y$}
    }
    edge from parent node[above right] {$r$}
  };
\draw[dashed] (a)--(b);
\end{tikzpicture}

```

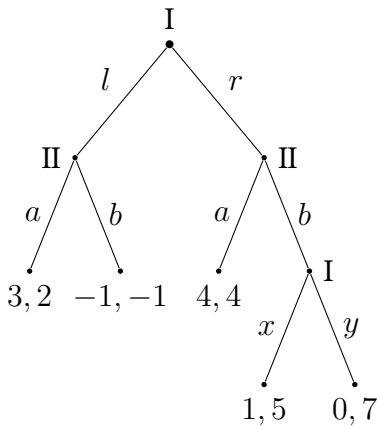


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$0,3$}] {}
      edge from parent node[left] {$x$}
      child { node[mydot, label=below: {$0,0$}] {}
        edge from parent node[right] {$y$} }
    edge from parent node[above left] {$l$} }
  child { node[mydot, label=right: {II}] {}
    child { node[mydot, label=below: {$0,4$}] {}
      edge from parent node[left] {$x$}
      child { node[mydot, label=below: {$3,1$}] {}
        edge from parent node[right] {$y$} }
    edge from parent node[above right] {$r$} } ;
\end{tikzpicture}

```

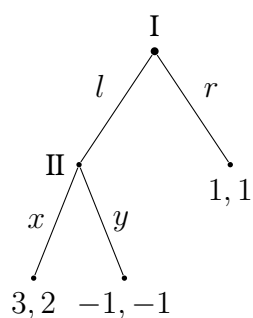


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=1.2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$3,2$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=below: {$-1,-1$}] {}
      edge from parent node[right] {$b$} }
    edge from parent node[above left] {$l$} }
  child { node[mydot, label=right: {II}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=right: {I}] {}
      child { node[mydot, label=below: {$1,5$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[above right] {$b$} }
    edge from parent node[above right] {$r$} } ;
\end{tikzpicture}

```

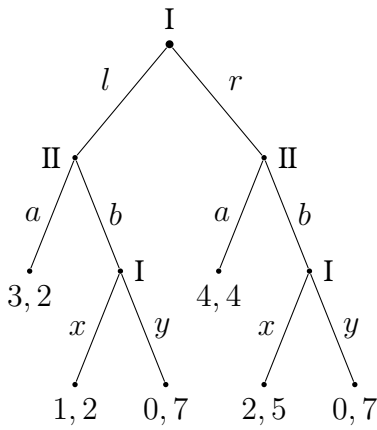


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$3,2$}] {}
      edge from parent node[left] {$x$}
      child { node[mydot, label=below: {$-1,-1$}] {}
        edge from parent node[right] {$y$} }
    edge from parent node[above left] {$l$} }
  child { node[mydot, label=below: {$1,1$}] {}
    edge from parent node[above right] {$r$} } ;
\end{tikzpicture}

```

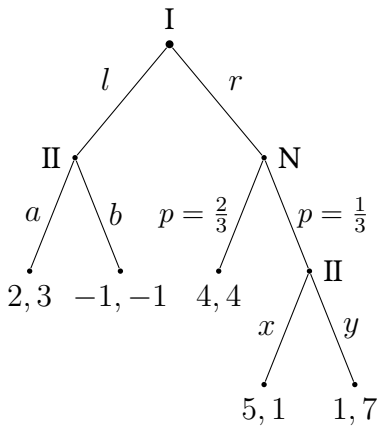


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=1.2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$3,2$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=right: {I}] {}
      child { node[mydot, label=below: {$1,2$}] {}
        edge from parent node[left] {$x$}
      }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$}
      }
      edge from parent node[right] {$b$}
    }
    edge from parent node[above left] {$l$}
  }
  child { node[mydot, label=right: {II}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=right: {I}] {}
      child { node[mydot, label=below: {$2,5$}] {}
        edge from parent node[left] {$x$}
      }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$}
      }
      edge from parent node[right] {$b$}
    }
    edge from parent node[above right] {$r$}
  }
\end{tikzpicture}

```

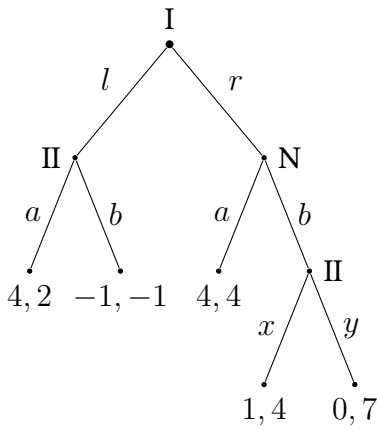


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=1.2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$2,3$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=below: {$-1,-1$}] {}
      edge from parent node[right] {$b$}
    }
    edge from parent node[above left] {$l$}
  }
  child { node[mydot, label=right: {N}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {{\small $p=\frac{2}{3}$}}
    }
    child { node[mydot, label=right: {II}] {}
      child { node[mydot, label=below: {$5,1$}] {}
        edge from parent node[left] {$x$}
      }
      child { node[mydot, label=below: {$1,7$}] {}
        edge from parent node[right] {$y$}
      }
      edge from parent node[right] {{\small $p=\frac{1}{3}$}}
    }
    edge from parent node[above right] {$r$}
  }
\end{tikzpicture}

```

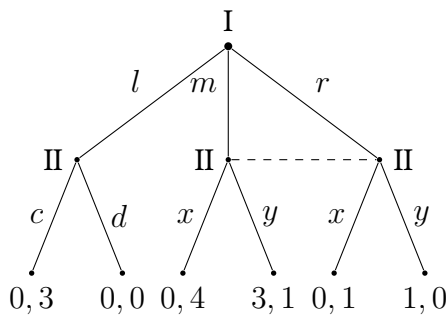


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=1.2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$4,2$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=below: {$-1,-1$}] {}
      edge from parent node[right] {$b$}
    }
    edge from parent node[above left] {$l$}
  }
  child { node[mydot, label=right: {N}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$a$}
    }
    child { node[mydot, label=right: {II}] {}
      child { node[mydot, label=below: {$1,4$}] {}
        edge from parent node[left] {$x$}
      }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$}
      }
      edge from parent node[above right] {$b$}
    }
    edge from parent node[above right] {$r$}
  }
\end{tikzpicture}

```

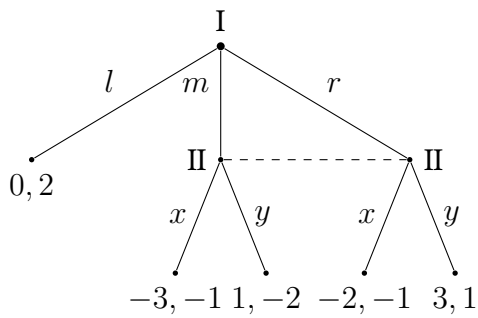


```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внутри
  child { node[mydot, label=left: {II}] {}
    child { node[mydot, label=below: {$0,3$}] {}
      edge from parent node[left] {$c$}
    }
    child { node[mydot, label=below: {$0,0$}] {}
      edge from parent node[right] {$d$}
    }
    edge from parent node[above left] {$l$}
  }
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$0,4$}] {}
      edge from parent node[left] {$x$}
    }
    child { node[mydot, label=below: {$3,1$}] {}
      edge from parent node[right] {$y$}
    }
    edge from parent node[above left] {$m$}
  }
  child { node[mydot, label=right: {II}] (b) {}
    child { node[mydot, label=below: {$0,1$}] {}
      edge from parent node[left] {$x$}
    }
    child { node[mydot, label=below: {$1,0$}] {}
      edge from parent node[right] {$y$}
    }
    edge from parent node[above right] {$r$}
  }
  edge from parent node[above] {$--$} (a)
\draw[dashed] (a)--(b);
\end{tikzpicture}

```

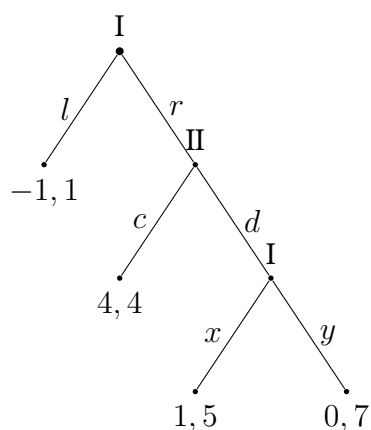



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.2cm]
\tikzstyle{level 3}=[sibling distance=2cm]

\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "I" сверху и пустым текстом внутри
  child { node[mydot, label=below: {$0,2$}] {}
    edge from parent node[above left] {$l$} }
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$-3,-1$}] {}
      edge from parent node[left] {$x$} }
    child { node[mydot, label=below: {$1,-2$}] {}
      edge from parent node[right] {$y$} }
    edge from parent node[above left] {$m$} }
  child { node[mydot, label=right: {II}] (b) {}
    child { node[mydot, label=below: {$-2,-1$}] {}
      edge from parent node[left] {$x$} }
    child { node[mydot, label=below: {$3,1$}] {}
      edge from parent node[right] {$y$} }
    edge from parent node[above right] {$r$} } ;
\draw[dashed] (a)--(b);
\end{tikzpicture}

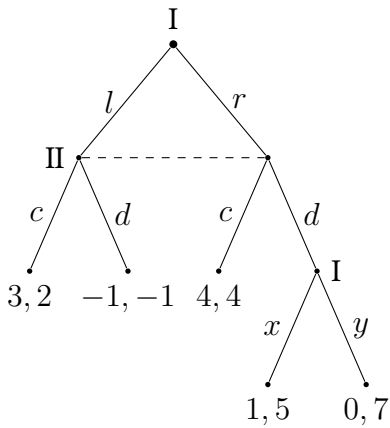
```



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=below: {$-1,1$}] {}
    edge from parent node[left] {$l$} }
  child { node[mydot, label=above: {II}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$c$} }
    child { node[mydot, label=above: {I}] (b) {}
      child { node[mydot, label=below: {$1,5$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[right] {$d$} }
    edge from parent node[right] {$r$} };
\end{tikzpicture}

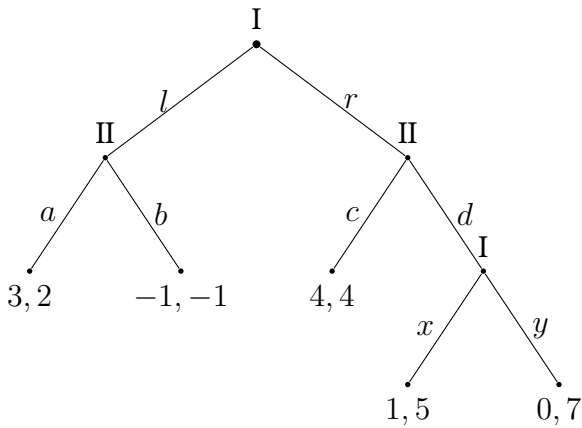
```



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=2.5cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=1.3cm]
\tikzstyle{level 3}=[sibling distance=1.3cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=left: {II}] (a) {}
    child { node[mydot, label=below: {$3,2$}] {}
      edge from parent node[left] {$c$} }
    child { node[mydot, label=below: {$-1,-1$}] (b) {}
      edge from parent node[right] {$d$} }
    edge from parent node[left] {$l$} }
  child { node[mydot ] (b) {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$c$} }
    child { node[mydot, label=right: {I}] {}
      child { node[mydot, label=below: {$1,5$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[right] {$d$} }
    edge from parent node[right] {$r$} };
\draw[dashed] (a)--(b);
\end{tikzpicture}

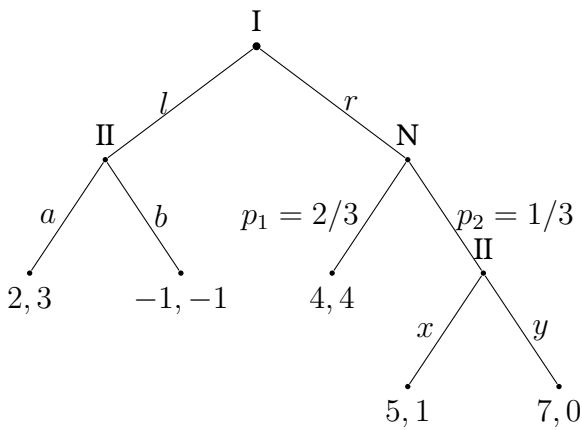
```



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=4cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=above: {II}] {}
    child { node[mydot, label=below: {$3,2$}] {}
      edge from parent node[left] {$a$} }
    child { node[mydot, label=below: {$-1,-1$}] {}
      edge from parent node[right] {$b$} }
    edge from parent node[left] {$l$} }
  child { node[mydot, label=above: {II}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$c$} }
    child { node[mydot, label=above: {I}] (b) {}
      child { node[mydot, label=below: {$1,5$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$0,7$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[right] {$d$} }
    edge from parent node[right] {$r$} };
\end{tikzpicture}

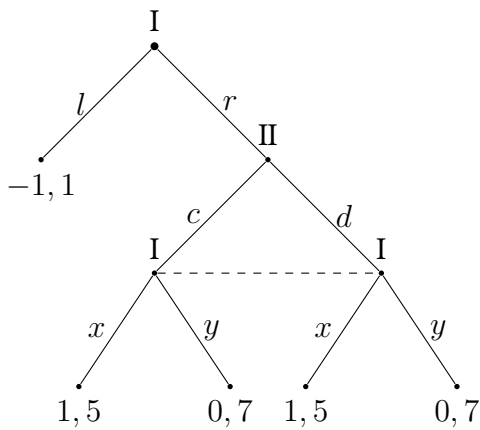
```



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=4cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "N" сверху и пустым текстом внизу
  child { node[mydot, label=above: {II}] {}
    child { node[mydot, label=below: {$2,3$}] {}
      edge from parent node[left] {$a$} }
    child { node[mydot, label=below: {$-1,-1$}] {}
      edge from parent node[right] {$b$} }
    edge from parent node[left] {$l$} }
  child { node[mydot, label=above: {N}] {}
    child { node[mydot, label=below: {$4,4$}] {}
      edge from parent node[left] {$p_1=2/3$} }
    child { node[mydot, label=above: {II}] (b) {}
      child { node[mydot, label=below: {$5,1$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$7,0$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[right] {$p_2=1/3$} }
    edge from parent node[right] {$r$} };
\end{tikzpicture}

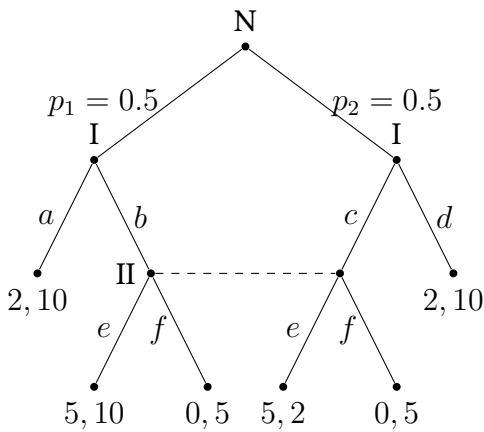
```



```

\begin{tikzpicture}[grow=down] % дерево
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{level 1}=[sibling distance=3cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=3cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "I" сверху и пустым текстом внутри
child { node[mydot, label=below: {$-1,1$}] {}
edge from parent node[left] {$l$} }
child { node[mydot, label=above: {II}] {}
child { node[mydot, label=above: {I}] (a) {}
child { node[mydot, label=below: {$1,5$}] {}
edge from parent node[left] {$x$} }
child { node[mydot, label=below: {$0,7$}] {}
edge from parent node[right] {$y$} }
edge from parent node[left] {$c$} }
child { node[mydot, label=above: {I}] (b) {}
child { node[mydot, label=below: {$1,5$}] {}
edge from parent node[left] {$x$} }
child { node[mydot, label=below: {$0,7$}] {}
edge from parent node[right] {$y$} }
edge from parent node[right] {$d$} }
edge from parent node[right] {$r$} };
\draw[dashed] (a)--(b);
\end{tikzpicture}

```



```
\begin{tikzpicture}[grow=down] % дерево
```

```
\tikzstyle{mydot} = [circle, minimum width=3pt,fill, inner sep=0pt] % размеры точки в центре узла
```

```
\tikzstyle{level 1}=[sibling distance=4cm] % расстояние между соседними узлами на одном уровне
```

```
\tikzstyle{level 2}=[sibling distance=1.5cm]
```

```
\tikzstyle{level 3}=[sibling distance=1.5cm]
```

```
\node[mydot, label=above: {N}] {}
```

```
  child { node[mydot, label=above: {I}] {}
```

```
    child { node[mydot, label=below: {$2,10$}] {}
```

```
      edge from parent node[left] {$a$} }
```

```
    child { node[mydot, label=left: {II} ] (a) {}
```

```
      child { node[mydot, label=below: {$5,10$}] {}
```

```
        edge from parent node[left] {$e$} }
```

```
      child { node[mydot, label=below: {$0,5$}] {}
```

```
        edge from parent node[left] {$f$} }
```

```
      edge from parent node[right] {$b$} }
```

```
  edge from parent node[left] {$p_1=0.5$} }
```

```
  child { node[mydot, label=above: {I}] {}
```

```
    child { node[mydot] (b) {}
```

```
      child { node[mydot, label=below: {$5,2$}] {}
```

```
        edge from parent node[left] {$e$} }
```

```
      child { node[mydot, label=below: {$0,5$}] {}
```

```
        edge from parent node[left] {$f$} }
```

```
      edge from parent node[left] {$c$} }
```

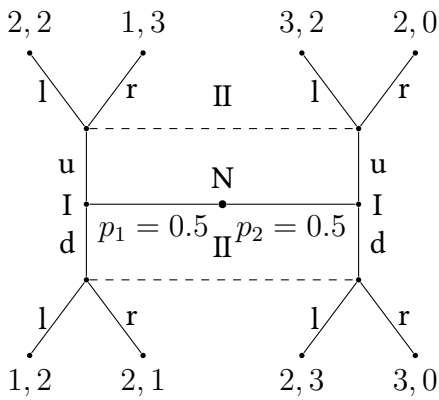
```
    child { node[mydot, label=below: {$2,10$}] {}
```

```
      edge from parent node[right] {$d$} }
```

```
  edge from parent node[right] {$p_2=0.5$} } ;
```

```
\draw[dashed] (a)--(b);
```

```
\end{tikzpicture}
```



```

\begin{tikzpicture} % Паук
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % strating node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 1}=[level distance=1.8cm] % длина веточки на первом уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 2}=[level distance=1cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\tikzstyle{level 3}=[level distance=1cm]

```

```
%
```

```

\node[mystart, label=above: {N}] {}
  child[grow=left] {node[mydot, label=left: {I}] } % left side of the spider
  child[grow=up] {node[mydot] (U1) } [grow=up]
    child {node[mydot, label=above: {$1,3$}] }
    edge from parent node[right] {r} }
    child {node[mydot, label=above: {$2,2$}] }
    edge from parent node[left] {l} }
  edge from parent node[left] {u} }
  child[grow=down] {node[mydot] (D1) } [grow=down]
    child {node[mydot, label=below: {$1,2$}] }
    edge from parent node[left] {l} }
    child {node[mydot, label=below: {$2,1$}] }
    edge from parent node[right] {r} }
  edge from parent node[left] {d} }
  edge from parent node[below] {$p_1=0.5$} }

```

```
%
```

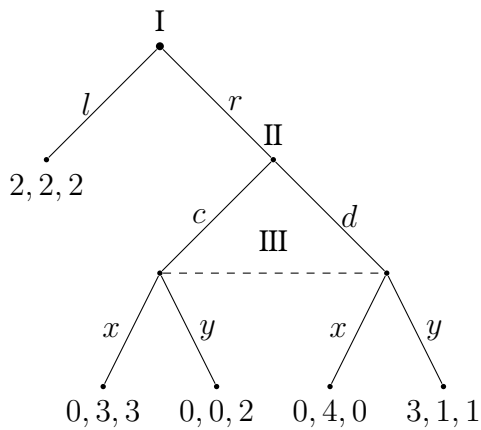
```

  child[grow=right] {node[mydot, label=right: {I}] } % right side of the spider
  child[grow=up] {node[mydot] (U2) } [grow=up]
    child {node[mydot, label=above: {$2,0$}] }
    edge from parent node[right] {r} }
    child {node[mydot, label=above: {$3,2$}] }
    edge from parent node[left] {l} }
  edge from parent node[right] {u} }
  child[grow=down] {node[mydot] (D2) } [grow=down]
    child {node[mydot, label=below: {$2,3$}] }
    edge from parent node[left] {l} }
    child {node[mydot, label=below: {$3,0$}] }
    edge from parent node[right] {r} }

```



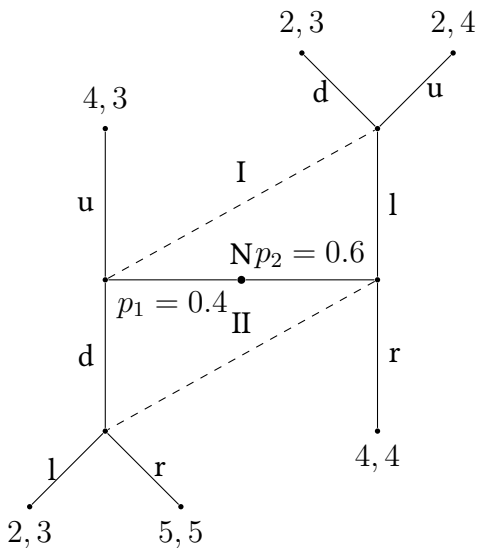
```
edge from parent node[right] {d} }
edge from parent node[below] { $p_2=0.5$ } } ;
\draw[dashed] (U1)--node[label=above:II] {}(U2);
\draw[dashed] (D1)--node[label=above:II] {}(D2);
\end{tikzpicture}
```



```

\begin{tikzpicture} % три игрока с выходом первого
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % strating node style
\tikzstyle{level 1}=[level distance=1.5cm] % длина линии
\tikzstyle{level 2}=[level distance=1.5cm] % длина линии
\tikzstyle{level 3}=[level distance=1.5cm] % длина линии
\tikzstyle{level 1}=[sibling distance=3cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 2}=[sibling distance=3cm]
\tikzstyle{level 3}=[sibling distance=1.5cm]
\node[mystart, label=above: {I}] {} % создаем узел типа mydot, с пометкой "I" сверху и пустым текстом внутри
  child { node[mydot, label=below: {$2,2,2$}] {}
    edge from parent node[left] {$l$} }
  child { node[mydot, label=above: {II}] {}
    child { node[mydot] (a) {}
      child { node[mydot, label=below: {$0,3,3$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$0,0,2$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[left] {$c$} }
    child { node[mydot] (b) {}
      child { node[mydot, label=below: {$0,4,0$}] {}
        edge from parent node[left] {$x$} }
      child { node[mydot, label=below: {$3,1,1$}] {}
        edge from parent node[right] {$y$} }
      edge from parent node[right] {$d$} }
    edge from parent node[right] {$r$} };
\draw[dashed] (a)--node[above: {III}] (b);
\end{tikzpicture}

```



```

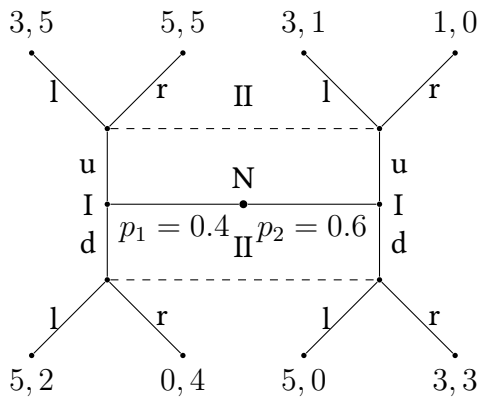
\begin{tikzpicture} % укороченный паук
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % starting node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 1}=[level distance=1.8cm] % длина веточки на первом уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 2}=[level distance=2cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\tikzstyle{level 3}=[level distance=1cm]

%
\node[mystart, label=above: {N}] {}
  child[grow=left] {node[mydot] (ia) {} % left side of the spider
    child[grow=up] {node[mydot, label=above: {$4,3$}] {} [grow=up]}
    edge from parent node[left] {u} }
    child[grow=down] {node[mydot] (iib) {} [grow=down]}
      child {node[mydot, label=below: {$2,3$}] {} }
      edge from parent node[left] {} }
      child {node[mydot, label=below: {$5,5$}] {} }
      edge from parent node[right] {r} }
    edge from parent node[left] {d} }
    edge from parent node[below] {$p_1=0.4$} }

%
  child[grow=right] {node[mydot] (iia) {} % right side of the spider
    child[grow=up] {node[mydot] (ib) {} [grow=up]}
      child {node[mydot, label=above: {$2,4$}] {} }
      edge from parent node[right] {u} }
      child {node[mydot, label=above: {$2,3$}] {} }
      edge from parent node[left] {d} }
    edge from parent node[right] {} }
    child[grow=down] {node[mydot, label=below: {$4,4$}] {} [grow=down]}
    edge from parent node[right] {r} }
    edge from parent node[above] {$p_2=0.6$} } ;
\draw[dashed] (ia)--node[above:I] {}(ib);
\draw[dashed] (iia)--node[above:II] {}(iib);

```

`\end{tikzpicture}`



```

\begin{tikzpicture} % Паук
\tikzstyle{mydot} = [circle, minimum width=2pt,fill, inner sep=0pt] % decision node style
\tikzstyle{mystart} = [circle, minimum width=3pt,fill, inner sep=0pt] % strating node style
\tikzstyle{level 1}=[sibling distance=2cm] % расстояние между соседними узлами на одном уровне
\tikzstyle{level 1}=[level distance=1.8cm] % длина веточки на первом уровне
\tikzstyle{level 2}=[sibling distance=2cm]
\tikzstyle{level 2}=[level distance=1cm]
\tikzstyle{level 3}=[sibling distance=2cm]
\tikzstyle{level 3}=[level distance=1cm]

```

```

%
```

```

\node[mystart, label=above: {N}] {}
  child[grow=left] {node[mydot, label=left: {I}] } % left side of the spider
  child[grow=up] {node[mydot] (U1) } [grow=up]
    child {node[mydot, label=above: {$5,5$}] }
    edge from parent node[right] {r} }
    child {node[mydot, label=above: {$3,5$}] }
    edge from parent node[left] {l} }
  edge from parent node[left] {u} }
  child[grow=down] {node[mydot] (D1) } [grow=down]
    child {node[mydot, label=below: {$5,2$}] }
    edge from parent node[left] {l} }
    child {node[mydot, label=below: {$0,4$}] }
    edge from parent node[right] {r} }
  edge from parent node[left] {d} }
  edge from parent node[below] {$p_1=0.4$} }

```

```

%
```

```

  child[grow=right] {node[mydot, label=right: {I}] } % right side of the spider
  child[grow=up] {node[mydot] (U2) } [grow=up]
    child {node[mydot, label=above: {$1,0$}] }
    edge from parent node[right] {r} }
    child {node[mydot, label=above: {$3,1$}] }
    edge from parent node[left] {l} }
  edge from parent node[right] {u} }
  child[grow=down] {node[mydot] (D2) } [grow=down]
    child {node[mydot, label=below: {$5,0$}] }
    edge from parent node[left] {l} }
    child {node[mydot, label=below: {$3,3$}] }
    edge from parent node[right] {r} }

```

```
edge from parent node[right] {d} }
edge from parent node[below] { $p_2=0.6$ } } ;
\draw[dashed] (U1)--node[label=above:II] {}(U2);
\draw[dashed] (D1)--node[label=above:II] {}(D2);
\end{tikzpicture}
```