Here is a complete trace, including calls to drawOneTick() and the resulting ticks.

```
drawOneTick(5):
drawTicks(4)
drawTicks(3)
 drawTicks(2)
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
  drawOneTick(2):
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
 drawOneTick(3):
 drawTicks(2)
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
  drawOneTick(2):
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
drawOneTick(4):
drawTicks(3)
 drawTicks(2)
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
  drawOneTick(2):
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
 drawOneTick(3):
 drawTicks(2)
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
  drawOneTick(2):
  drawTicks(1)
  drawTicks(0)
  drawOneTick(1):
  drawTicks(0)
drawOneTick(5):
```