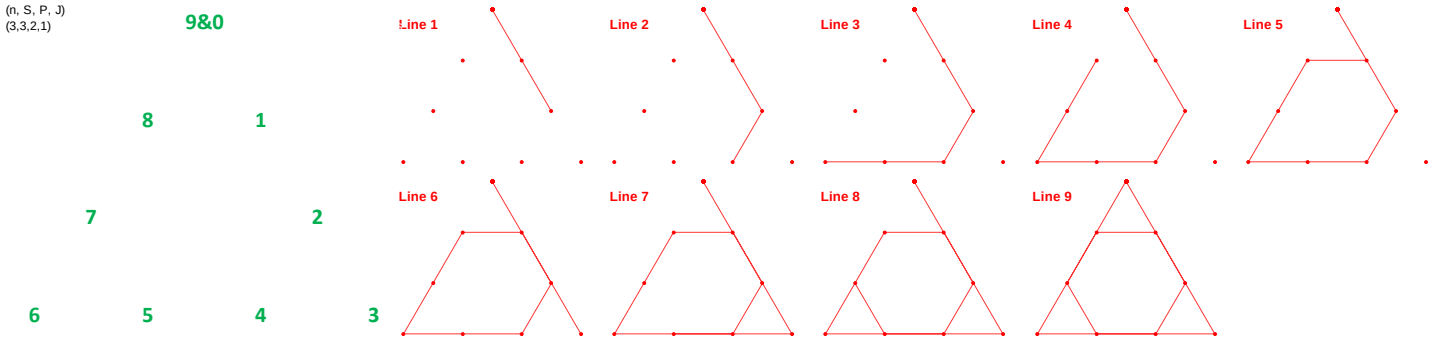
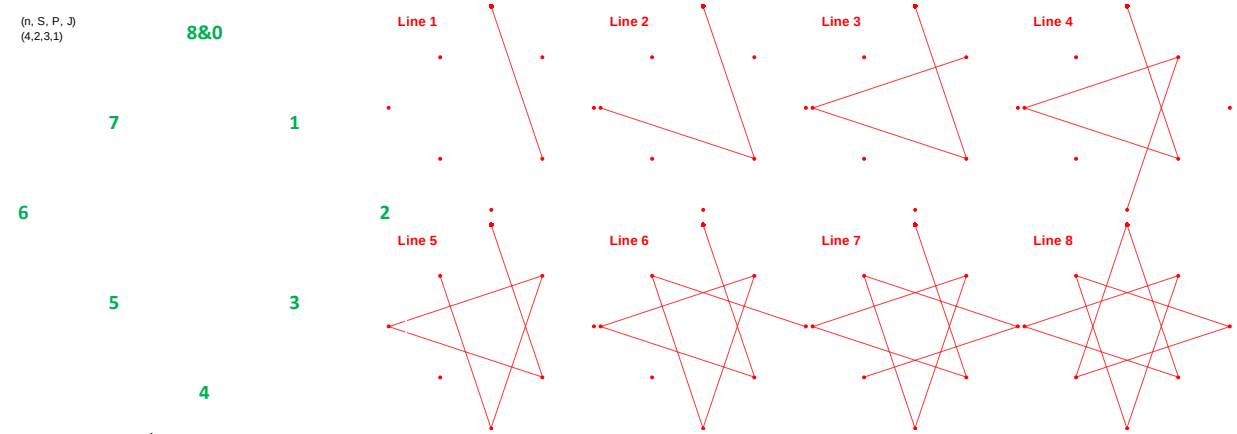
A Primer on *P*, the Number of Subdivisions between *P*oints

*Lines are drawn every **P** subdivision points.* The left column provides **subdivision counts** from the ***S*** primer. The top image shows ***P*** = 2 so a line is drawn (read → as draw line) every second subdivision endpoint. The first 4 lines connect even vertices **0 → 2 → 4 → 6 → 8**. *The next line* (**Line 5**) *goes from* **8 → 1** *because 8+2-9 =* **1** *is the second endpoint after* **8** *since **counting continues past the top** (here 9, just like 1 o'clock is 2 hours after 11 o'clock). This is the key to counting.* From there, the last 4 lines connect odd vertices **1 → 3 → 5 → 7 → 9&0**. The image is completed with 9 connected lines.

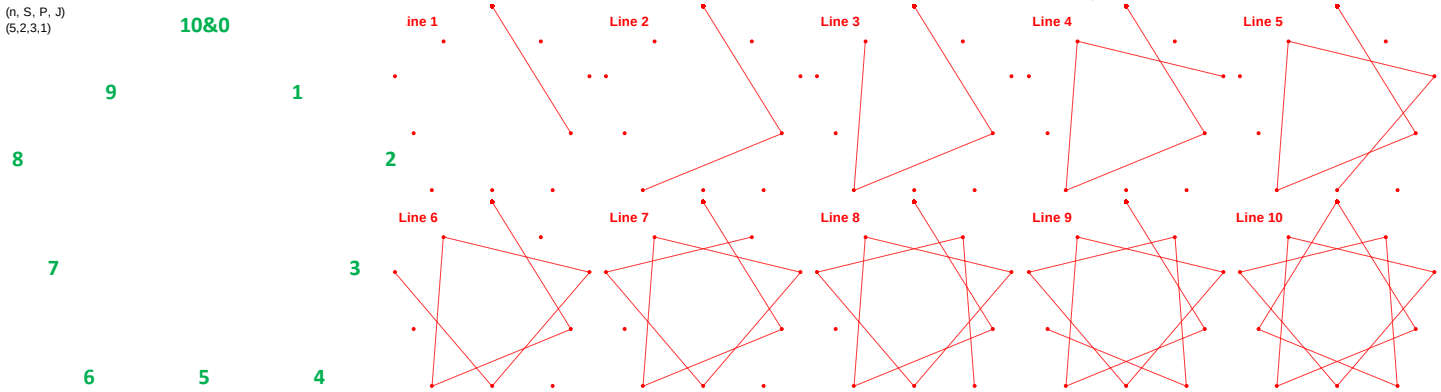


The next three drawn images have ***S*** = 2 and ***P*** = 3 but differ by ***n*** and ***J***. The same rules apply to line creation as before.

***n* = 4.** The first 2 lines connect vertices **0 → 3 → 6** but 6+3-8 = **1**, so **6 → 1 → 4 → 7** & 7+3-8 = **2**, so **7 → 2 → 5 → 8&0**.



***n* = 5.** The 1st 3 lines connect **0 → 3 → 6 → 9** but 9+3-10 = **2**, so **9 → 2 → 5 → 8** & 8+3-10 = **1**, so **8 → 1 → 4 → 7 → 10&0**.



Note. ***J*** = 1 above, ***J*** = 2 below.