

This is output using FrequencyCounter.java

run:

3.1.8 Max word is the Max Count 7515

distinct = 19695  
words = 142707

Calculation for Putters is # Words + one for MAX - Words < minlen

3.1.6 Calculation for Getters is # Words + 1 + # Distinct Words + 1 - Words < minlen

Putters 139044 Getters 158740

Number of Words < minlen 3664

3.1.8 Length of 1 Cutoff Max Word the 7515

Length of 8 Cutoff Max Word Monsieur 93

Length of 10 Cutoff Max Word Gutenberg-tm 53

3.1.9 Length 1 Prior Word Count 139042 Last Word \*\*\*

Length 8 Prior Word Count 18225 Last Word newsletter

Length 10 Prior Word Count 6694 Last Word newsletter

BUILD SUCCESSFUL (total time: 3 seconds)

3.1.19 This output is from FreqCnt.java

run:

List Top 10 words and their counts:

the 7515

and 4751

of 4071

to 3458

a 2830

in 2447

his 1911

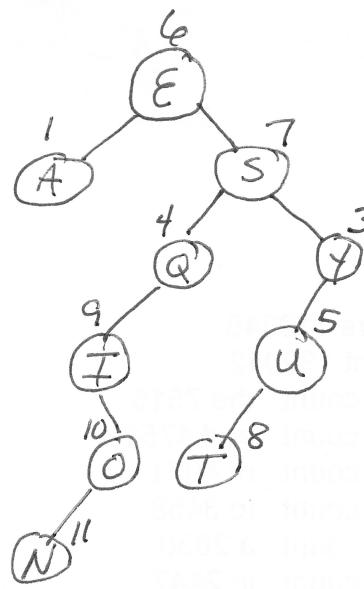
was 1675

that 1663

I 1451

BUILD SUCCESSFUL (total time: 2 seconds)

3.2.1  
 E 0  
 A 1  
 S 2  
 Y 3  
 Q 4  
 U 5  
 E 6  
 S 7  
 T 8  
 I 9  
 O 10  
 N 11



How many compares are needed  
 to build the tree? 28

E - 0

A - 1

S - 1

Y - 11

Q - 11

U - 111

E - 1

S - 11

T - 1111

I - 111

O - 1111

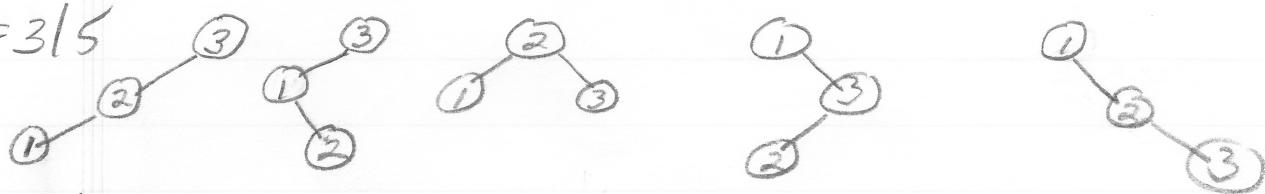
N - ~~1111~~ = 28

3.2.9

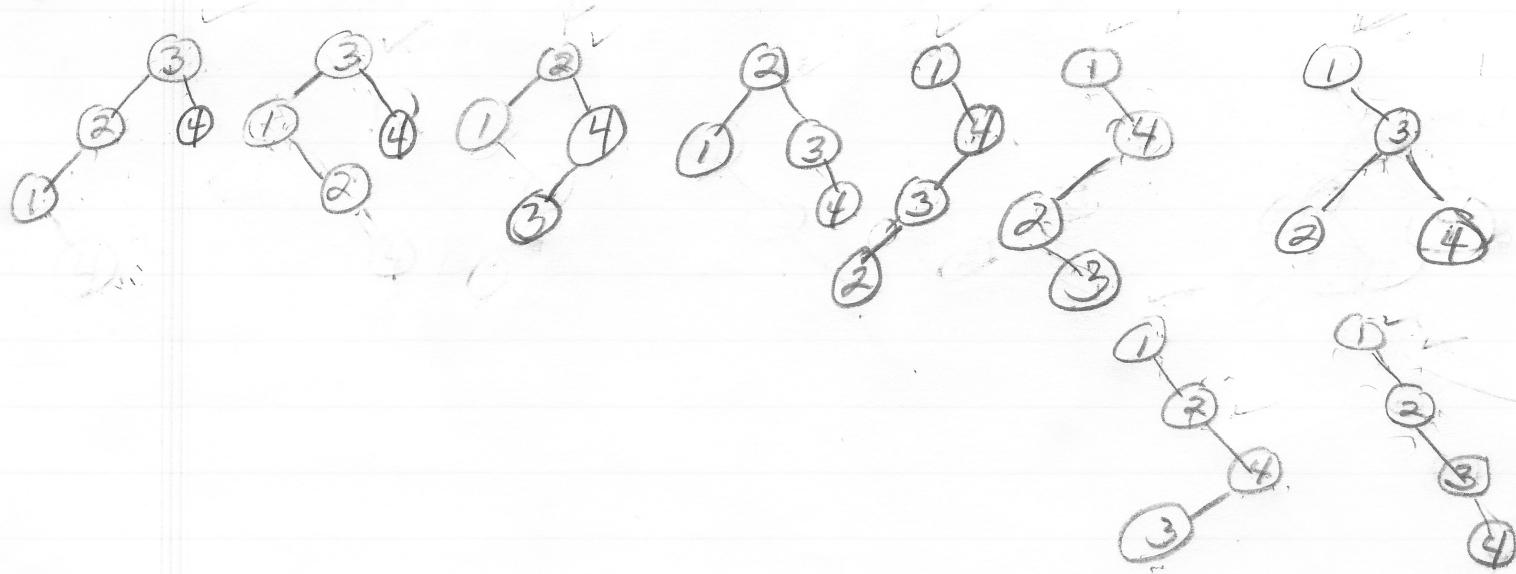
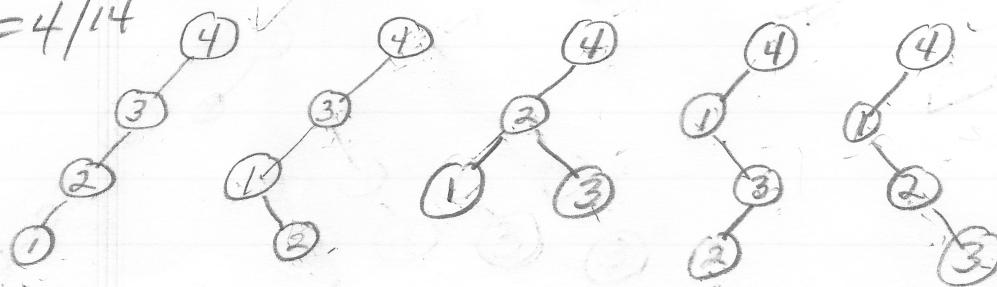
$N=2/2$



$N=3/5$

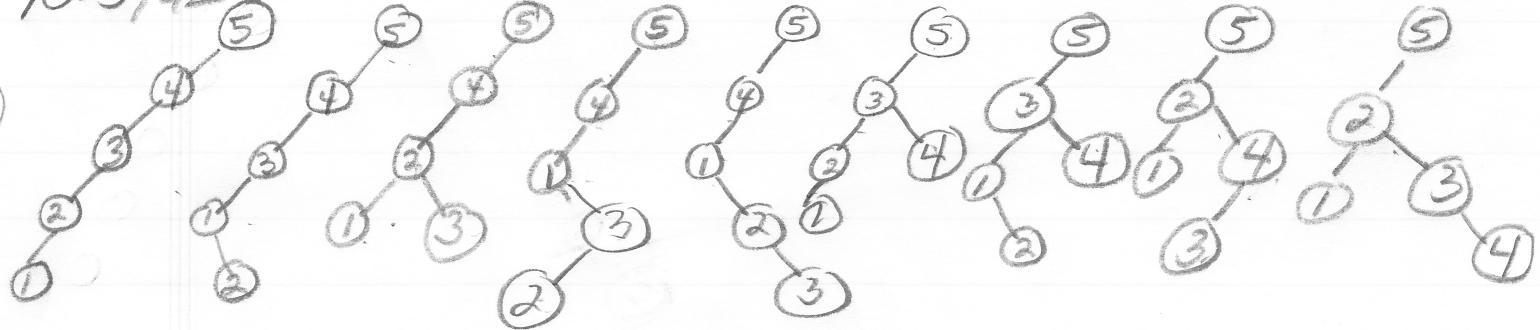


$N=4/14$

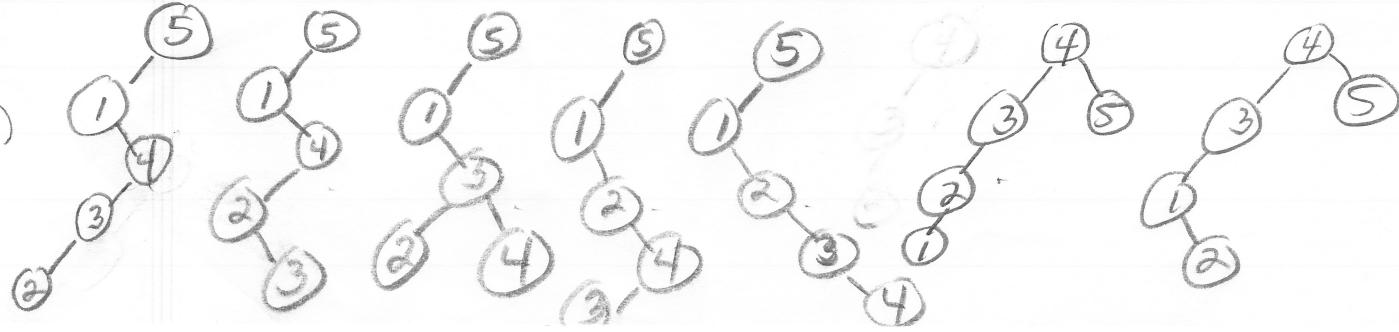


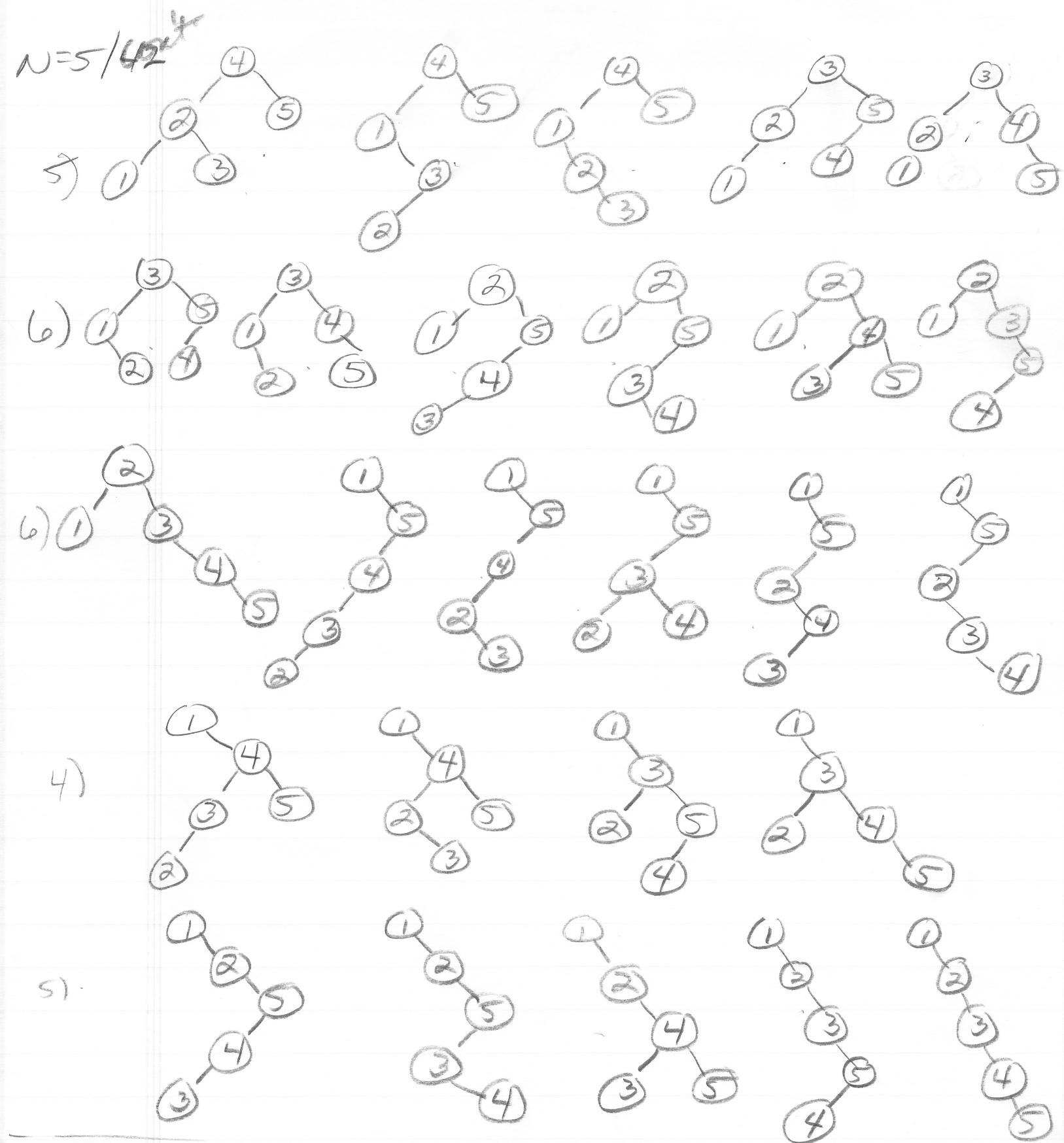
$N=5/42$

9)



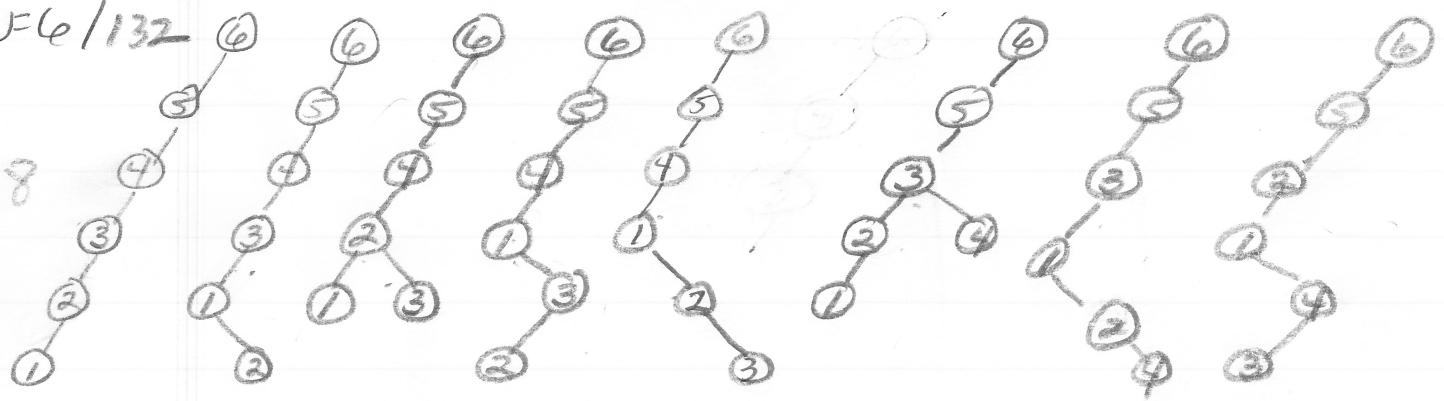
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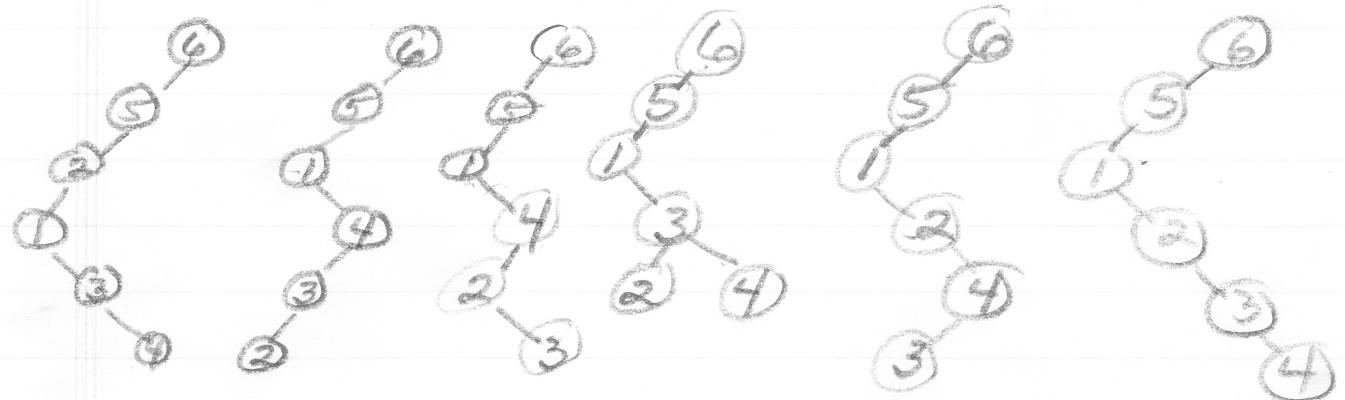


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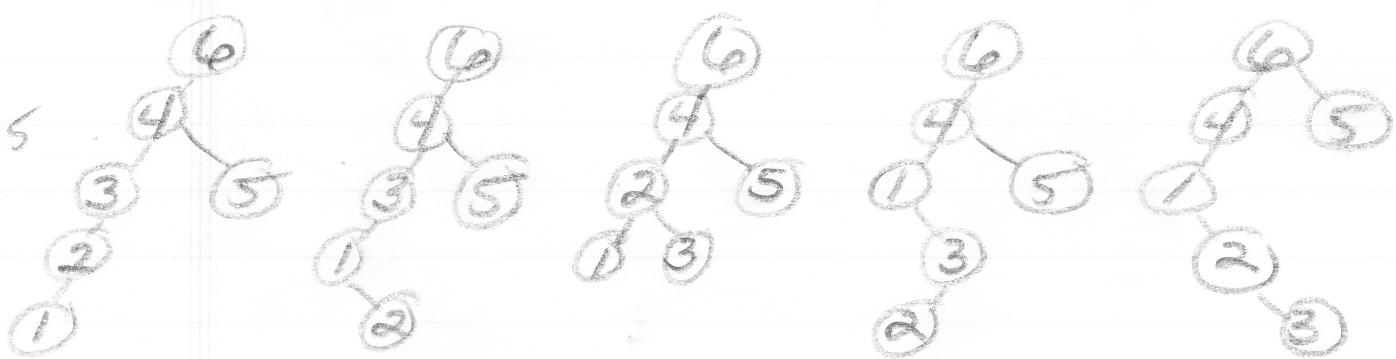
$N=6/132$



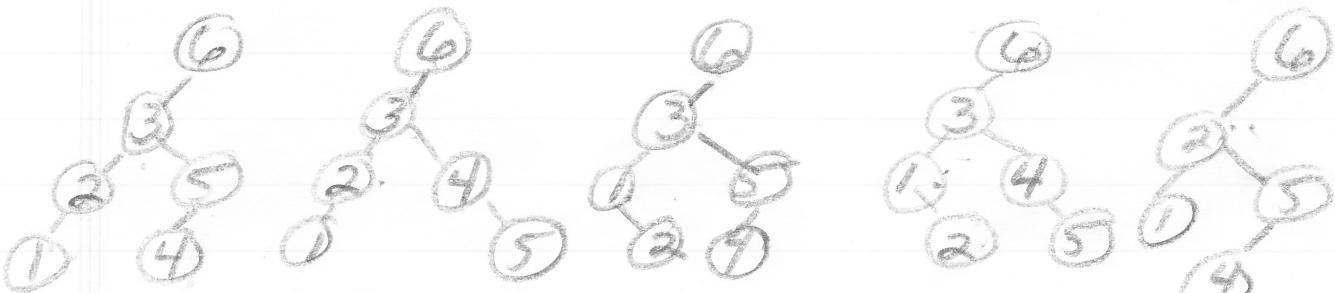
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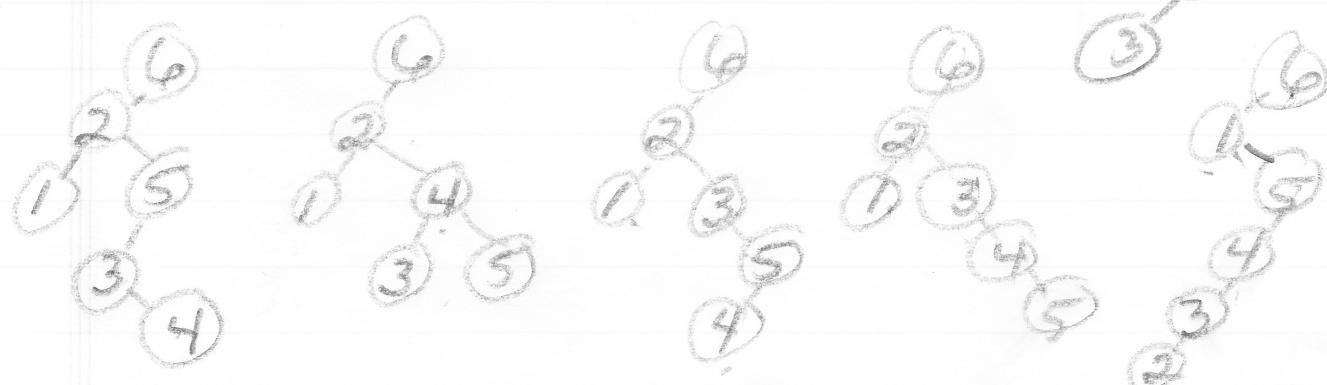
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6



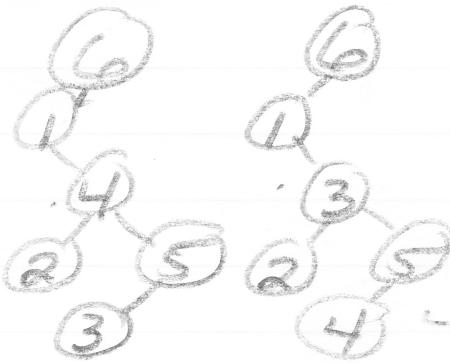
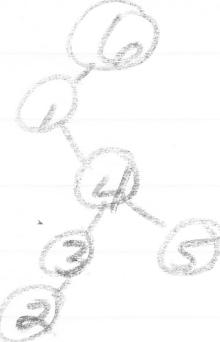
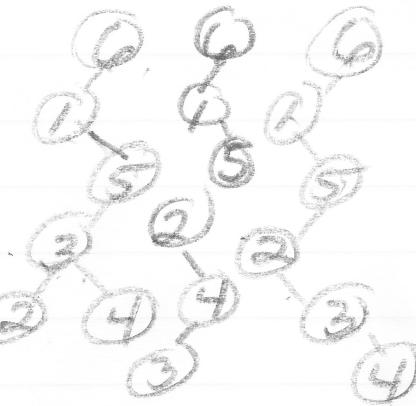
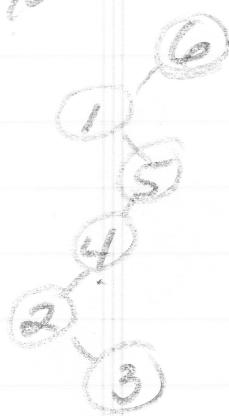
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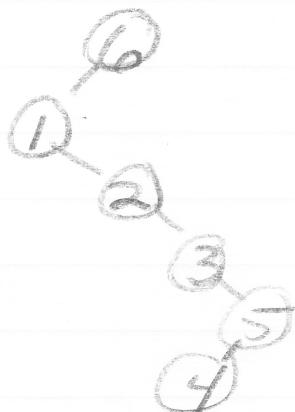
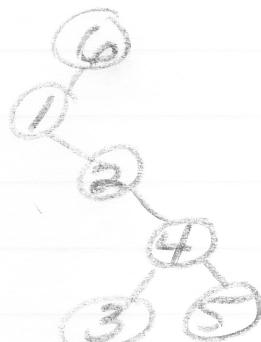
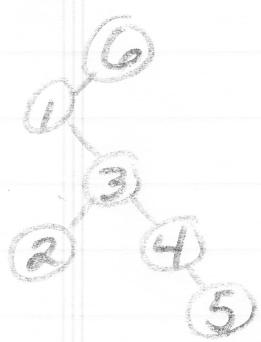
$N=6-2$

$126^{1000^4}$

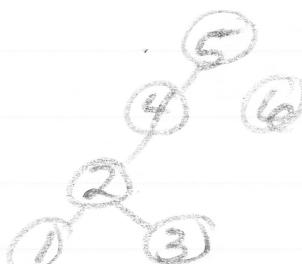
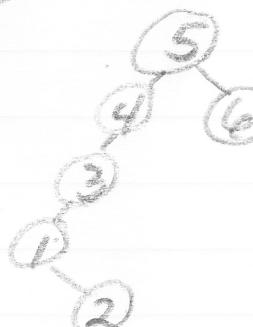
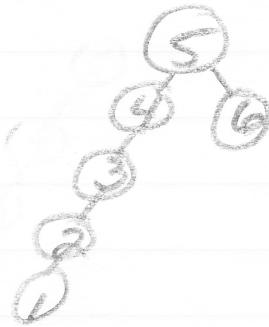
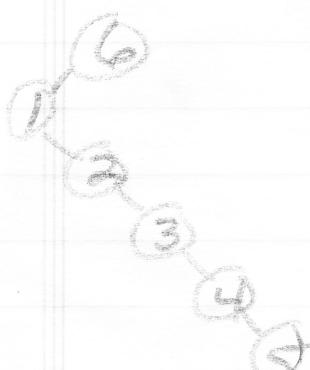
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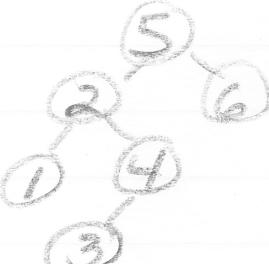
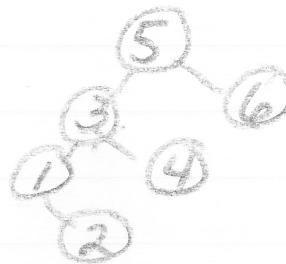
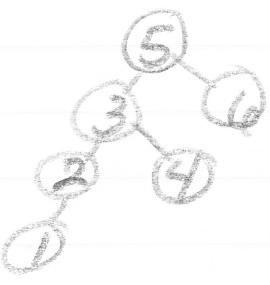
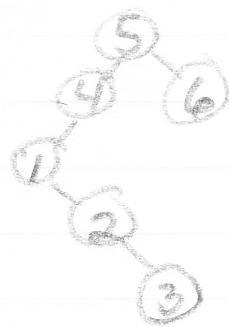
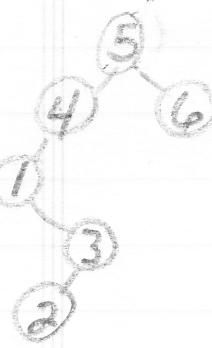
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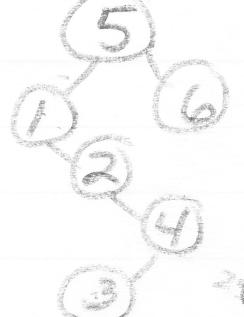
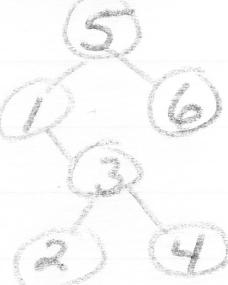
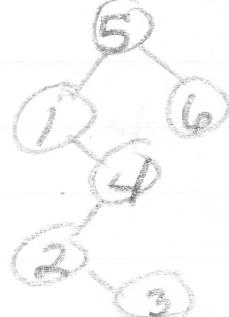
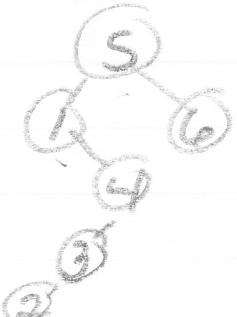
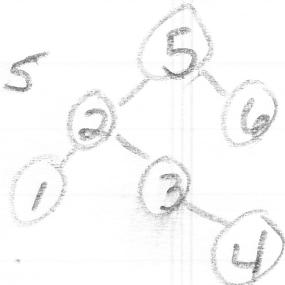
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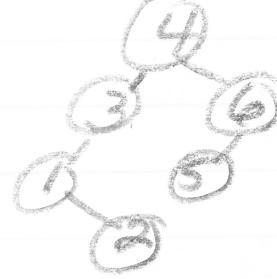
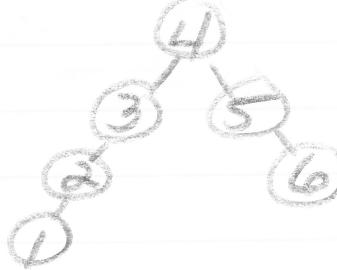
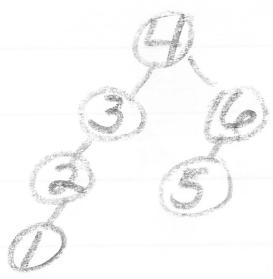
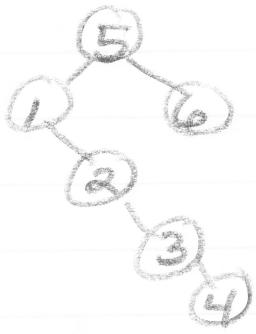


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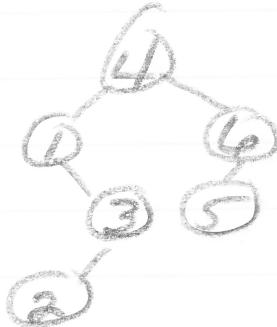
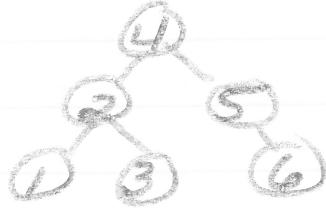
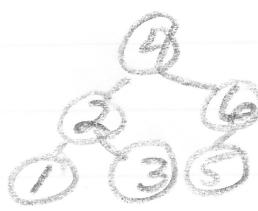
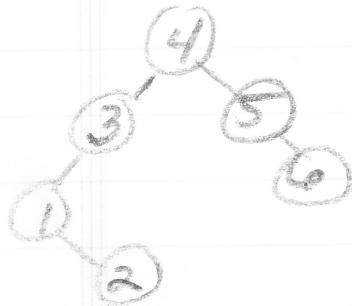
$N=6-3$

$N=6$  cont

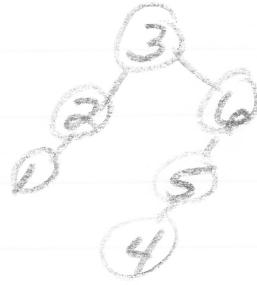
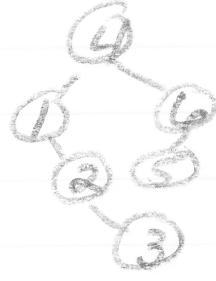
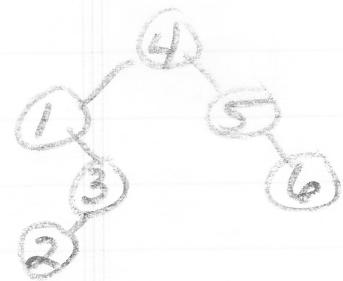
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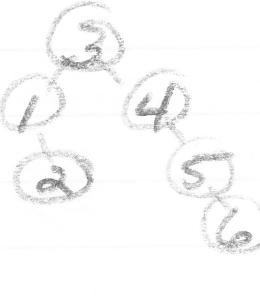
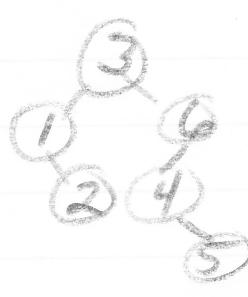
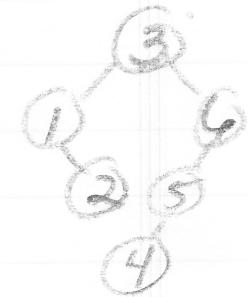
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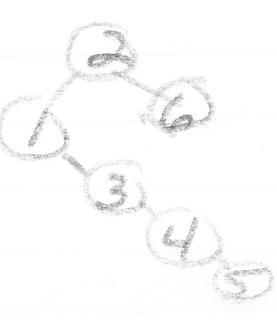
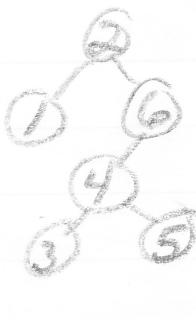
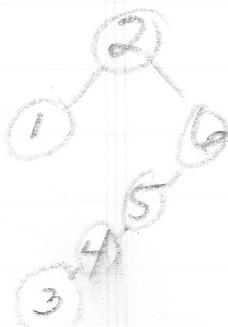
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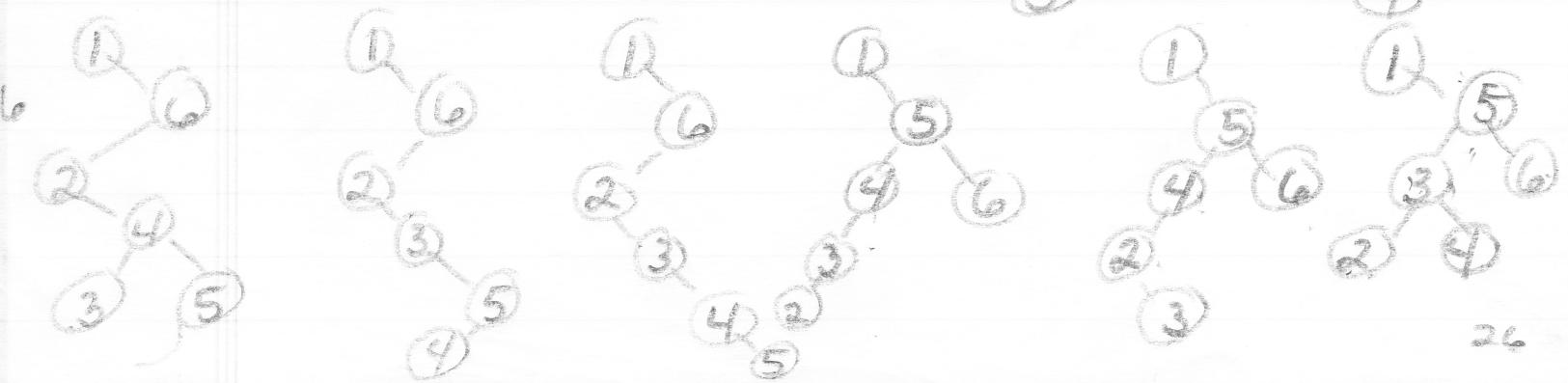
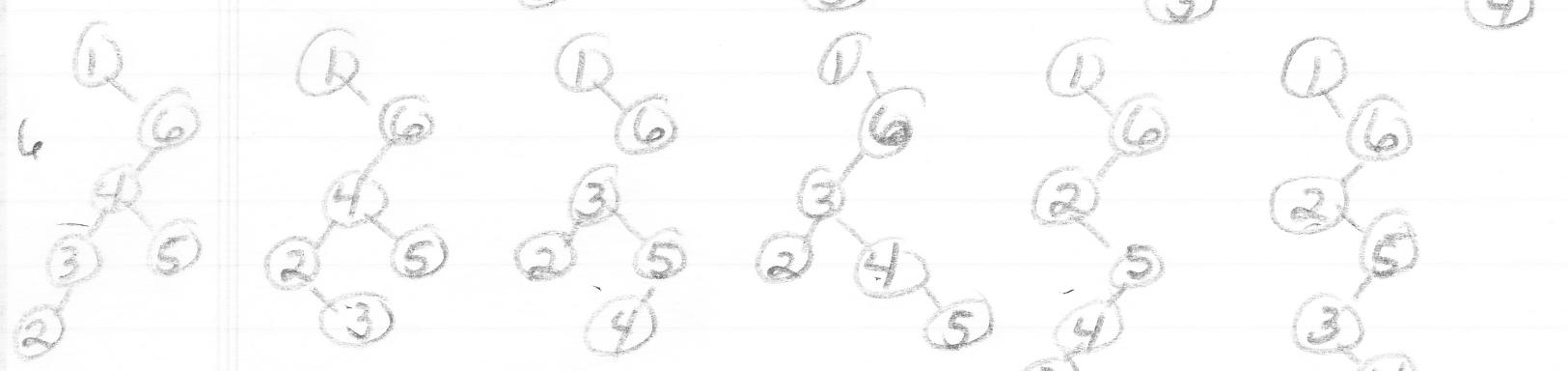
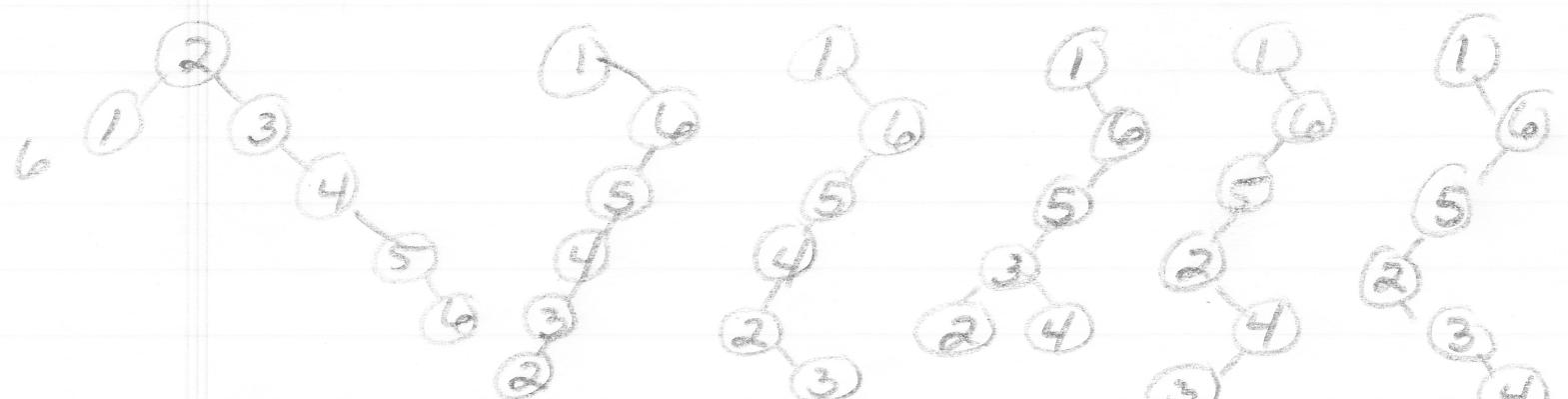
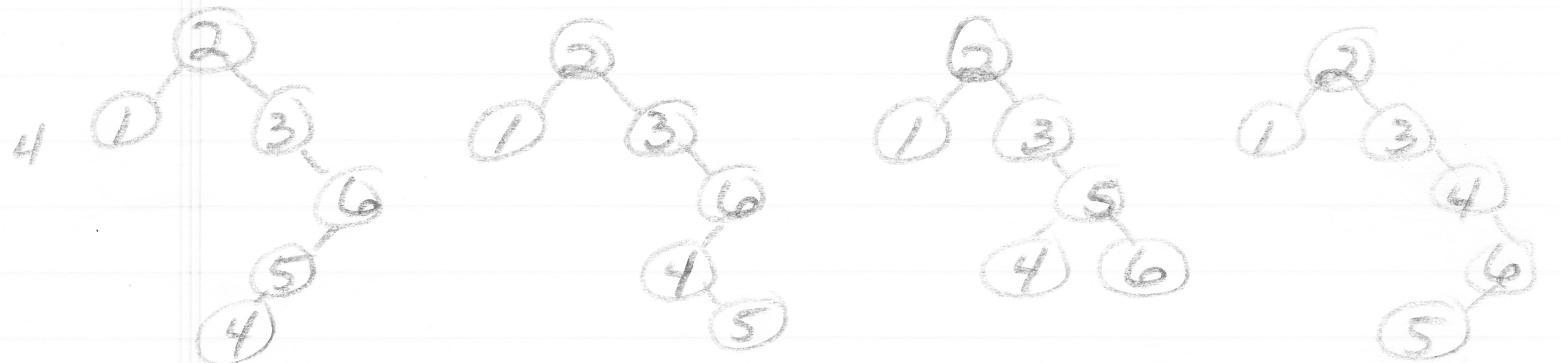
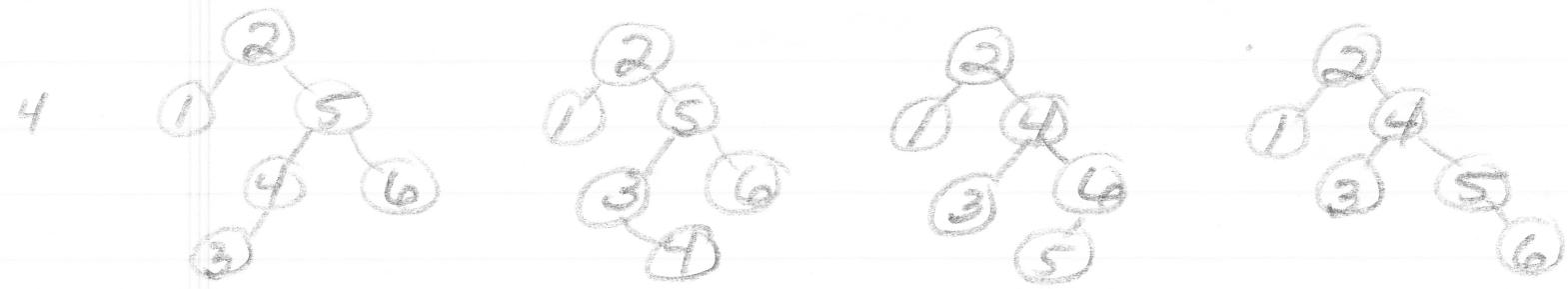
5



54

$N=6-4$

$N=6 \text{ card}$



25

106

 $N=6-5$ 

N6 Cox +

