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We can separate number of ways to partition 5 with part up to size 3

P(5,3) in 2 categories:

We observe that in case "With 3"
we actually just need to count
how many ways to
partition 2 with part up to size 3.
Since there is no way
to partition 2 using 3 (empty set)
we can't see it in the partition chart
But we can see in recurstion tree
it returns 0

## Without

Now we observe that in case
"Without 3" is become the problem
of counting number of ways to
partition 5 with part up to size 2:
P(5, 2)
Out first initial problem become
smaller in size.
Let separate number of ways to
partition 5 with part up to size 2
again:
With 2



