

- To calculate the energy produced from any fatty acid we should determine the # of carbons =  $n$
- Then determine the # of turns (in even # saturated FAs it equals =  $n/2 - 1$ )
- Calculate energy produced in each turn which equal 17 ATPs .
- Add energy produced from one last acetyl CoA molecule which = 12 ATPs.
- Then subtract 2 ATPs which has been used in the step of fatty acid activation.
- Subtract energy produced from FADH<sub>2</sub> did not consumed as FA is unsaturated.