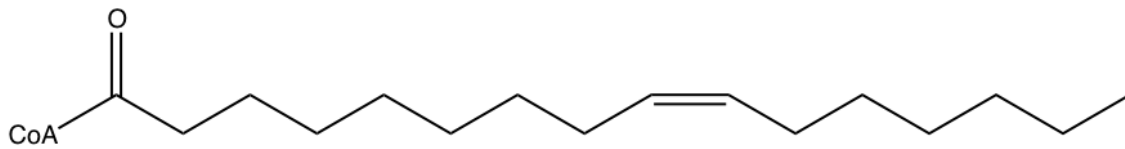


NAME: \_\_\_\_\_

Quiz 25

1. Name the following acyl-CoA:

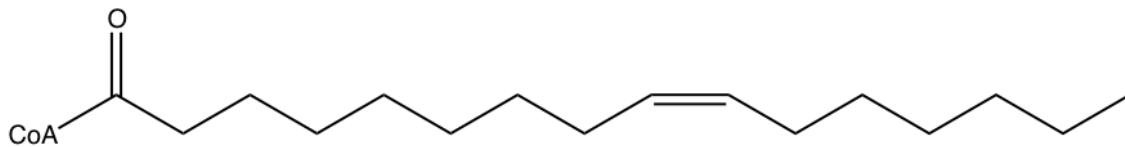


2. How many total C-C and C-H bonds are present in the acyl-CoA?
3. How many total redox reactions will be found in the complete oxidation of the acyl-CoA?
4. How many NADH will be produced by the complete oxidation of this molecule by  $\beta$ -oxidation and the TCA cycle.
5. Which steps produce NADH?
6. How many  $\text{FADH}_2$  will be produced by the complete oxidation of this molecule by  $\beta$ -oxidation and the TCA cycle.
7. Which steps produce  $\text{FADH}_2$ ?

NAME: \_\_\_\_\_

Quiz 25

1. Name the following acyl-CoA:



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5. Which steps produce NADH?
6. How many  $\text{FADH}_2$  will be produced by the complete oxidation of this molecule by  $\beta$ -oxidation and the TCA cycle.
7. Which steps produce  $\text{FADH}_2$ ?