

3. Using the model from the previous step, move one of the carbons from the end and attach it to the second carbon out of the 4 in a row.

How many hydrogens were used to construct this molecule? 12

How many bonds were used to construct this molecule? 16

Part II: Double Bonded Straight Hydrocarbons

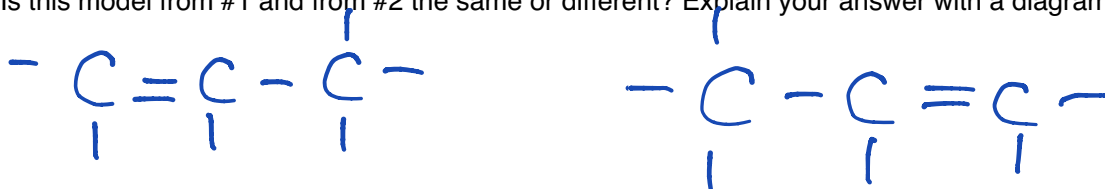
1. Construct a model of propene by bonding three carbons in a row. Between the first two carbons, put two bonds (double bond). Fill in the rest of the molecule with hydrogens. Do not deconstruct this model.

How many hydrogens were used to construct this molecule? 6

What is the formula for propene? C₃H₆

2. Construct another model of propene by putting the double bond between the second and third carbon. Compare the model of propene from #1 to the one that was just constructed.

Is this model from #1 and from #2 the same or different? Explain your answer with a diagram:



They're the same! (Mirror images)