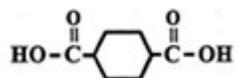


Session #29: Homework Problems

Problem #1

Show how the following monomer can be polymerized. What type of polymerization is used?



Problem #2

Show how $\text{H}_2\text{C}=\text{CH}_2$ can be polymerized. What type of polymerization is used?

Problem #3

Why can PE milk jugs be recycled while automobile tires cannot?

Problem #4

A polymeric ski boot has been designed to be flexible at room temperature but stiff out on the slopes. What is going on at the molecular level to confer this behavior?

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