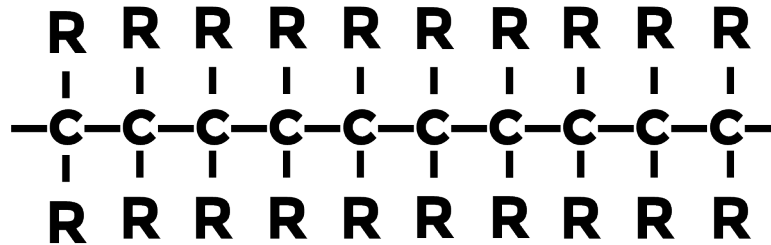


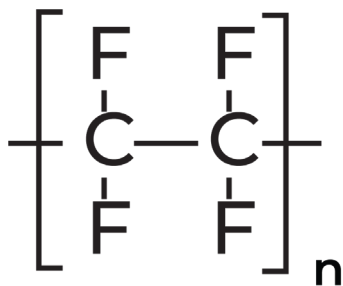


Polymeric Material Structure-Lesson 3 Student Note Sheet

Label the various portions of a basic polymer chain

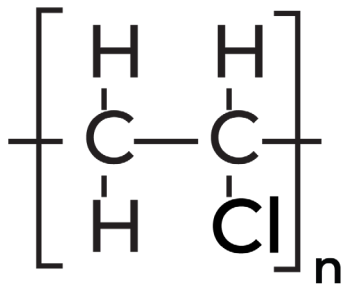
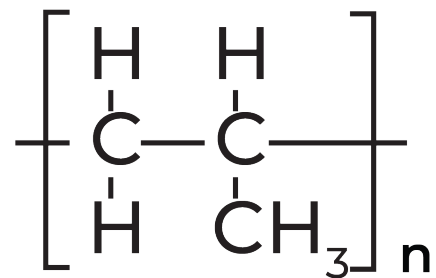


Match the polymer name with their repeat unit



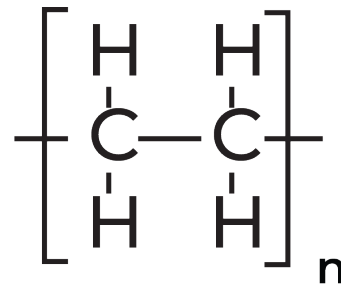
Teflon

PVC



Polyethylene

Polypropylene





What is stereoisomerism?

What is geometric isomerism?

Sketch linear and branched polymer chain configurations. How does this impact density?

What are cross-links? How do they alter the properties of our polymer?