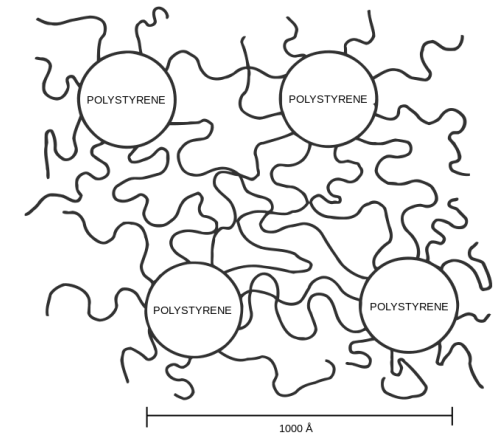
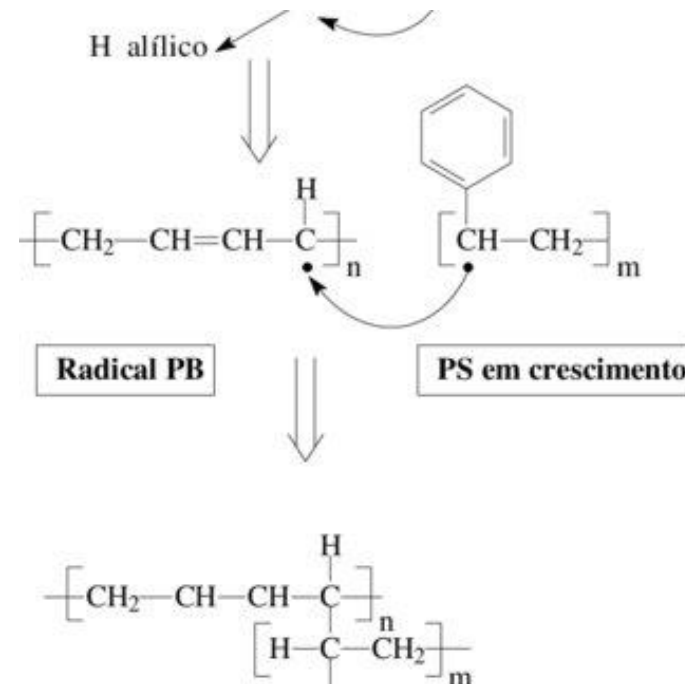
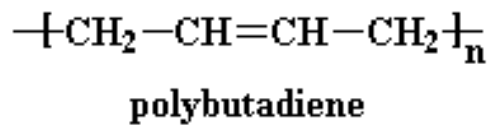
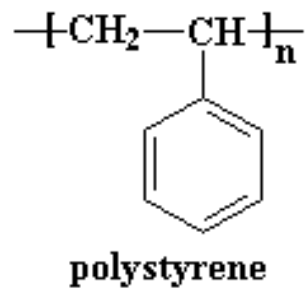


# Case 2B-1 GROUPS 1& 2

1. You are given a copolymer that is made out of Polystyrene and Rubber and your boss has decided to increase the amount of rubber to increase the performance of the copolymer. 320 × 320

**Would you accept that?**

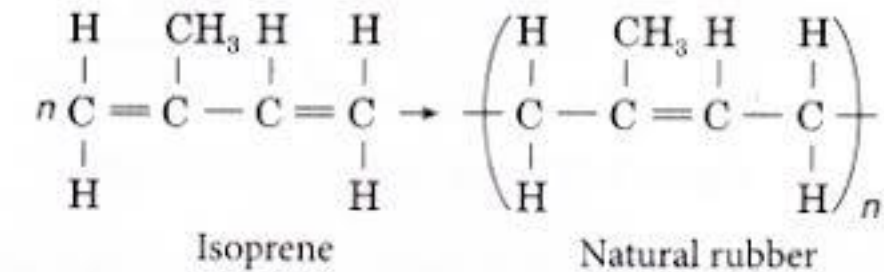
**Justify your answer**



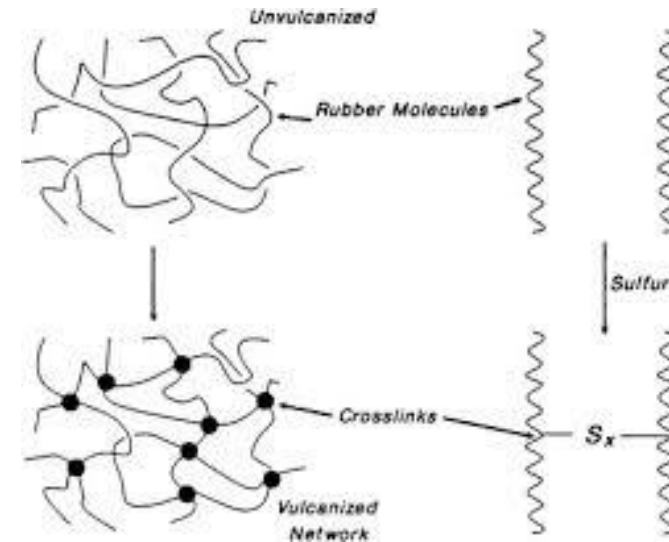
# Case 2B-2 GROUPS 3 & 4

- 2) You want to change the elasticity of natural rubber by adding more sulfur than the original “recipe” has.

**Explain how would you do that?**



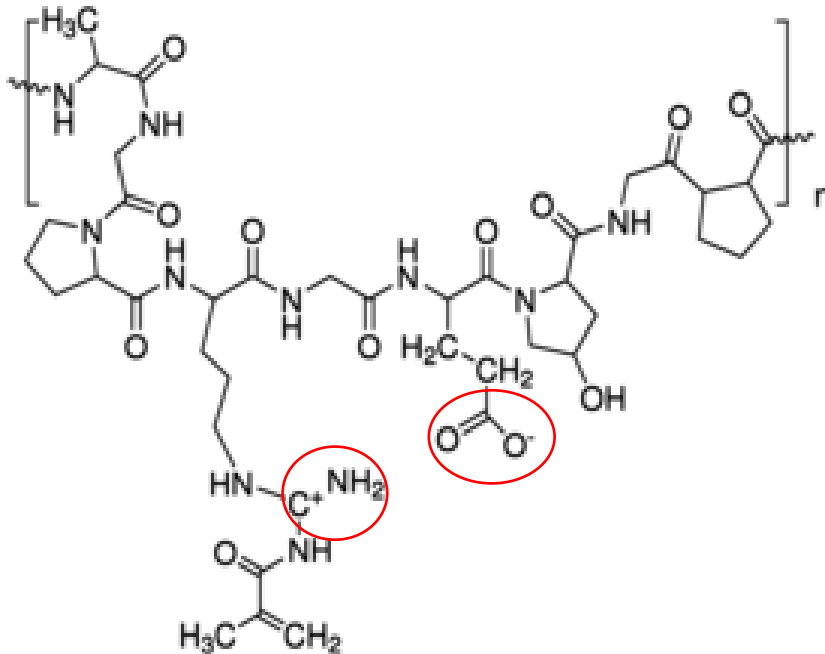
The value of  $n$  is about 10,000.



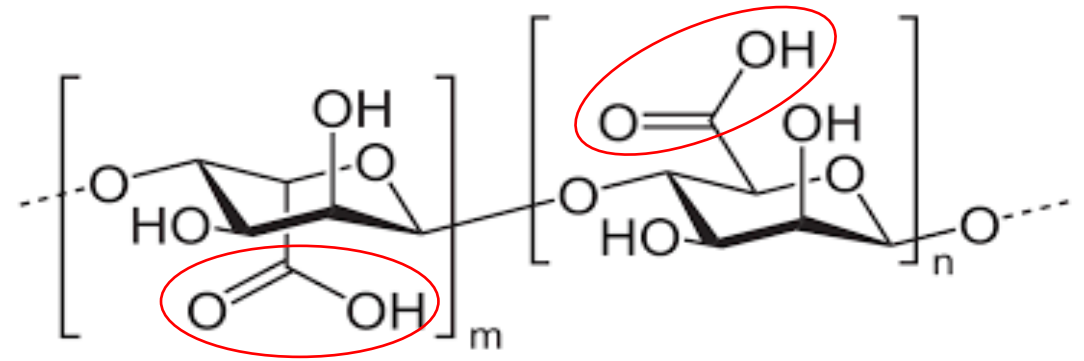
# Case 2B-3 GROUPS 5 & 6

- 3) There is a polymer called gealtin methacryloyl that has some specific elasticity and a researcher wants to control such property by adding some alginic acid. Do you think the mixture of those two natural polymers will change the elasticity?

**Explain your answer**



gealtin methacryloyl



alginic acid

# Distribution of Cases

Case				
2B-1 Group 1	Constanza	Marco	Neda	
2B-1 Group 2	Angel	Diego	Marino	
2B-2 Group 3	Ivan	Jonathan	Katya	Miguel
2B-2 Group 4	Elnaz	Jesus Alberto	Juan	Seyedehniousha
2B-3 Group 5	Bryan	David	Julio	Osamu
2B-3 Group 6	Aida	Benjamin	Kendra	Luis