

Experiment 10 Worksheet: Silly Putty and Slime

Purpose: *(A statement should be made here regarding what your experiment is designed to accomplish.)*

Procedure: *(Describe here how you went about completing your experiment. Use enough detail that someone could repeat it, if necessary. Also reference any books or manual you may have used to assist you.)*

Data:

Describe the appearance of the Silly Putty:

Describe the appearance of the Slime:

(Complete the Table using experimental results)

Polymer	Elasticity Bounce Test (cm)	Elasticity Stretch Test (cm)	Elasticity Bounce Test 2 (cm)
Silly Putty			
Slime			

Questions

What are the main experimental differences between the silly putty and the slime?

Did the height of the bounce change from the first to the second trial for either of the polymers? Why do you think it did or did not change?

What differences did you observe between stretching the polymer apart slowly and pulling the polymers apart quickly? Why was there a difference?

Conclusions: *(Summarize your results here and discuss possible errors that may have occurred during the testing.)*
