

Name _____

BOX IT UP – EXTENSION ACTIVITY Unusual Boxes

Your client has reconsidered the request for packaging and would like your input on possible changes. Fill out the form below for the client. Use the details from the scenario you chose as a starting point.

List the volume, surface area, and dimensions of the rectangular prism you recommended for the scenario.

Volume _____ Surface Area _____ Length _____ Width _____ Height _____

Fill out the table below, keeping the volume constant.

Figure	Volume	Surface Area	Length (if applicable)	Width/ Diameter	Height
Rectangular Pyramid					
Triangular Prism					
Triangular Pyramid					
Cylinder					

Write a paragraph explaining the effect of the changes on the package if the client were to make these changes. List one advantage and one disadvantage to packaging that product in each type of box.