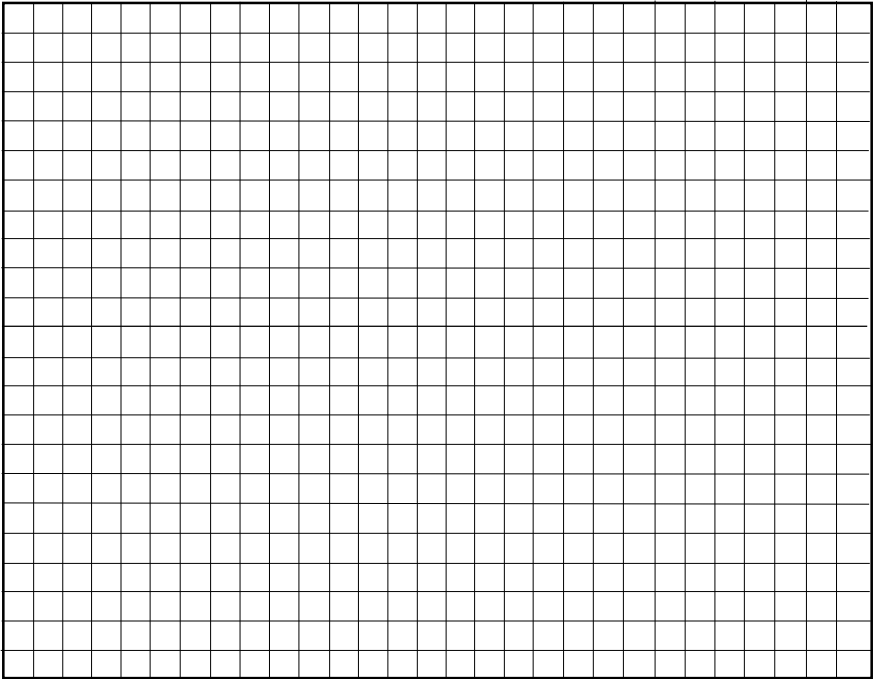


Cup Stacking

You have been hired by a box company to design a box that holds 50 cups. You have only been given a small number of cups as prototypes. You must gather data about the cups you stack and organize it in a table. Then, using your data, graph the information. Use your table, graph or rule to determine the height of the box you need to design for your stack of cups.

# of cups	height (cm) of the stack



What pattern did you find? _____

What is the height of the box you will need to hold all 50 cups in one stack? _____

How do you know? _____
