

Name_____ Date_____

Patterning and Algebra
Unit 1 Line Master 1

How Much Does Diego Need?

Number of Children	Number of Paper Towel Rolls	Number of Feathers	Number of Pieces of Craft Paper	Number of Dried Beans
1	1	4	3	10
2	2	8		
3	3		9	
4	4		12	40

Complete the table.

Identify the pattern rule for each type of material.

Write a mathematical expression for each pattern.

Use each expression to determine how much of each material is needed for 50 children.