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Patterns in Tables

You will need

- a calculator

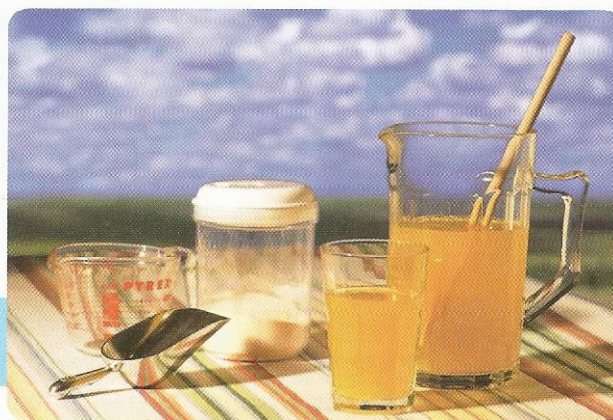


Goal

Create tables to display, predict, and extend patterns.

Glynis is making Tangerine Twist with water and juice crystals for a class party. 27 people are coming to the party.

? How much of each ingredient does Glynis need for 27 people?



Glynis's Recipe

The recipe says I need five cups of water and three scoops of crystals for four people.

I'll use a table to see how many times I need to make the recipe.

Number of times I make the recipe	Number of cups of water	Number of scoops of crystals	Number of people served
1	5	3	4
2			

- If Glynis makes two times the recipe, how many cups of water will she need?
- If Glynis makes three times the recipe, how many scoops of crystals will she need?
- Extend the table to show seven times the recipe. Write a pattern rule for each column.
- How much of each ingredient does Glynis need for 27 people?