

Creating a Unit – the Mole Concept

You have decided that you need a new unit to count by. You own a store that sells Legos and candy, and you want to create a unit to easily sell the Legos and candy, that way any kid who walks in your store can get a candy and Lego combination at a unit price.

1. What is the name of your new quantity?
2. What number represents your quantity?
3. Create a table of 5 conversion factors using your new quantity by relating it to well-known quantities. For example, how much of your quantity is in a dozen?
4. Use one of your conversion factors above to relate an already known unit (such as 1 dozen) to your new unit price.