

Moles to Mass Examples

Example 1: We decide to have a chemistry candy sale. Some one brings jelly beans, and we want to sell them by the dozen in bags. It takes too long to count out bags of 1 dozen jelly beans.

You figure out that 1 dozen jelly beans is 35g

What mass of jelly beans should you measure if a student wants 5 dozen?

Example 2: You need 3.00 mol of copper for an experiment. How would you measure that?

Examples 3 and 4: Determine the mass in grams of each of the following:

Mass to Moles Examples

Example 1: How many moles of calcium are in 525 g Ca?

Examples 2 and 3: Determine the # of moles in each of the following: