

Name:

Moles to Mass

1. It was decided to have a CCSMS candy sale. Someone brings jelly beans and wants to sell them by the dozen in bags. It takes too long to count out bags of 1 dozen jelly beans, so a different system is identified. Each bag of jelly beans is 35g.
 - a. What is the mass of 5 dozen jelly beans?

 - b. How many dozen of jelly beans if they weighed out 1400g of candy?

2. A lab requires 3.00 moles of copper for an experiment. What would be the equivalent mass to this amount of copper?

3. How many moles of calcium are in 525 grams of calcium?