

Mix & Match Mass

Name _____

Choose items from the container on your table that will be closest to the targeted mass. You may use a single item or mix and match items to reach the targeted mass.

Have your teacher check your estimates before you find the actual mass!

| Targeted Mass | Item(s) | Actual Mass |
|---------------|---------|-------------|
| 1 gram | | |
| 5 grams | | |
| 10 grams | | |
| 20 grams | | |
| 50 grams | | |
| 100 grams | | |
| 200 grams | | |
| 400 grams | | |

Circle the BEST metric unit for each.

(1) Your mass: mg g kg

(2) Amount of spices in a batch of cookies: mg g kg

(3) Mass of 10 pennies: mg g kg

Mass Challenge: Use the equipment provided and your knowledge of the metric system to answer the question. Be sure to explain your procedure - how you found your answer!

What is the mass of 100 milliliters of water? _____

Procedure: