

# 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: