



### Weighing Activity – Student Worksheet

1. Measure out the following amounts of sand and weigh them using the balance. Fill in as much of the table as you can.

Amount of Sand	Weight of Sand
1 bucket of sand	
1 cup of sand	
½ cup of sand	
¼ cup of sand	
1 tablespoon of sand	
1 teaspoon of sand	
1 pinch of sand	
1 grain of sand	

Were you able to weigh a single grain of sand? What’s the smallest amount of sand that you could weigh using the balance?

2. Brainstorm ways that you might be able to weigh really really small amounts,.