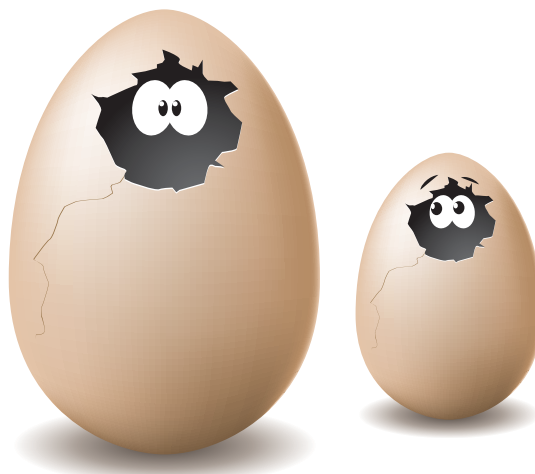




### THE AVERAGE EGG

Object: To use averages to make decisions related to how an object is categorized



#### MATERIALS

- Ohaus Harvard Junior™ Balance
- 3 small eggs and 3 large eggs (hardboiled)
- 100 one gram mass pieces

#### PROCEDURE

1. Using a felt tip pen, mark the size on each egg: “s” for small and “l” for large.
2. Find the mass of each egg according to its size: then calculate the average number of grams for each egg size. (To find the average, add the total mass of the eggs and divide the number of eggs.)
3. Record your answers using the chart below.
4. Discuss whether or not weighing is a good way to determine egg size

Small Eggs	Mass
Egg No.1	_____ grams
Egg No. 2	_____ grams
Egg No. 3	_____ grams
Average mass of a small size egg is _____ grams	
Large Eggs	Mass
Egg No. 1	_____ grams
Egg No. 2	_____ grams
Egg No. 3	_____ grams
Average mass of a large size egg is _____ grams	