students recently performed a waste sort or assessment of your school’s cafeteria waste. Your classmates gloved up, dumped out all the trash, sorted, estimated its volume and weighed it. Here is what they found:

<table>
<thead>
<tr>
<th>Materials</th>
<th>Weight (lbs.)</th>
<th>Volume (gal.)</th>
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Activity 1:

a) Find the total weight of the trash sorted:

b) Find the total volume of trash sorted:

Activity 2: Now, list the materials that could have been recycled or reused. Then, add up their weights and volumes to find the total weight and volume of recyclable materials in your trash.

<table>
<thead>
<tr>
<th>Recyclable or Reusable</th>
<th>Weight (pounds)</th>
<th>Volume (gallons)</th>
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Total Amount that could have been recycled or reused
Activity 3:
Every day, for each person in the Portland metropolitan area, over 5 pounds of trash are thrown away. How could you reduce the amount of trash YOU make during lunchtime or in the classroom? Think of the Three R’s: Reduce, Reuse and Recycle!

1.

2.

3.

4.

5.

Some answers to your possible questions:

• What’s the difference between weight and volume?
  
  Weight measures how heavy an object is.
  
  Volume measures how much space an object takes up.