

Weighing and Bagging

This task develops skills with the use of a dial-face spring scale.



Materials

- 225 metal plates ①
- 1 spring scale with weighing bin ②
- 50 plastic zip bags ③
- 1 large single-compartment bin
- 1 small red storage bin
- 1 red storage bin

Setup

Place the small red storage bin with the metal plates on the table to the left. Place the scale and the large single-compartment bin with 25 unzipped plastic bags in the center. Place the large red storage bin to the right. Mark the face of the scale with colored tabs (provided) showing the acceptable weight range from 3 to 6 ounces (equal to 6 to 9 metal plates). Place the weighing bin on the scale.

Procedure

- Take approximately six plates and drop them into the weighing bin.
- Read the scale. Add or subtract plates as necessary to reach the acceptable weight range.
- Take one unzipped plastic bag. Spread the bag open with your fingers.
- Remove the weighing bin from the scale and dump the plates into the bag.
- Return the empty weighing bin to the top of the scale.
- Holding the top of the bag, shake the bag to settle the plates.
- Slide the zipper across the top of the bag to close.
- Place the completed unit in the large red storage bin. No arrangement of the units in the bin is necessary.
- Repeat the previous steps for the remaining 24 bags.



The scale with acceptable weight range marked.

Note

The tabs on the scale are removable. The instructor may alter the weight criterion. This may be especially helpful during the acquisition stage. Norms shown here do not apply when using altered weight criteria. Extra plastic zip bags are provided in case a lesser weight is chosen.

Norms:

Per unit – 17 seconds
Per task – 7 minutes

Quality Criteria

The completed unit must weigh between 3 and 6 ounces.
All bags must be zipped completely closed.

Weighing and Bagging Disassembly

Setup

Disassembly does not require the scale or weighing bin. Arrange the materials and bins as in the assembly task.

Procedure

- Remove one unit from the large red storage bin and place it on the table.
- Grasp the zipper and slide it across the bag to open.
- Dump the plates into the small red storage bin.
- Place the open bag in the large single-compartment bin so the open end of the bag faces the front of the bin.

Norms:

Per unit – 6 seconds
Per task – 2 minutes, 30 seconds

Quality Criteria

All plates must be in the correct bin. All bags must be open and empty.
The open end of the bags must face the front of the bin.