Worksheet A: Packaging Evaluation Sheet

Team Name____________________

WEIGHT FOR SHIPPING
- Weight of Product (egg in its bag): _____________
- Weight of Packaging Materials: _____________
- Total Weight of Product (egg plus packaging materials): _____________

LINEAR MEASUREMENTS
- Length of Package _____________
- Width of Package _____________
- Height of Package (at highest point) _____________
- Total Linear Measurement of Package _____________
  (length + width + height)

RECYCLABLE MATERIALS
1. Can your packaging materials be recycled? Yes ___ No ___
2. Can your packaging materials be compacted? (crushed) Yes ___ No ___

SURVIVABILITY TESTS
Drop Test: Drop your package from different heights and answer the following questions:
3. Did your egg survive a drop from one foot? Yes ___ No ___
4. Did your egg survive a drop from two feet? Yes ___ No ___
5. Did your egg survive a drop from three feet? Yes ___ No ___

Stacking Test:
6. Place a large textbook on top of your package. Did your egg survive? Yes__ No __

Impact Test:
7. Drop the textbook onto the package from one foot above the package.
8. Did your egg survive? Yes ___ No ___

How many questions did you answer “yes” to? Total “yes” answers ___