

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 ___