

Name: _____ Date: _____ Period: _____

This document is used to practice your skills in conversions of unlike quantities using known conversion factors. The conversion factors are found on the back of the infographic about the transportation of commodities.

1. How many pounds would be in a railroad car that carries 3,500 bushels of soybean?

2. How many 1 gallon jugs of milk could theoretically fit into a harvester that has a capacity of 300 bushels?

3. How many semi trailers would it take to fill a commercial grain bin?

4. If one barge holds 50,000 bushels of soybean, how many tons would it be carrying?

5. How many pounds would the tonnage be in #4?

Name: _____ Date: _____ Period: _____

6. Barges are grouped in what is known as a “tow” which is usually three rows of five barges. How many gallons would this “tow” be pushing down the river?

7. How acres would a field of soybean have to be in order to fill a 1,000 bushels cargo container?

8. How many hectares would the acreage in #7 be?

9. How many soybean plants would be harvested in order to fill a 1200 bushel grain trailer three quarters full?

10. How many acres of soybean would have to be harvested to fill a train with 100 cars and a capacity of 4,000 bushels in each of the cars?