Converting Metric Units of Mass

Name: _____ Date: _____

Remember: 1 kg = 1000 g | 1 tonne = 1000 kg

A. Convert these measurements:

1. 3 kg = _____ g
2. 5000 g = _____ kg
3. 2.5 kg = _____ g
4. 7500 g = _____ kg
5. 4 tonnes = _____ kg
6. 6000 kg = _____ tonnes
7. 0.8 kg = _____ g
8. 250 g = _____ kg

B. Word Problems:

9. A bag of flour weighs 2.5 kg. How many grams is this?
   Answer: _____
10. A truck can carry 3 tonnes of cargo. How many kilograms can it carry?
   Answer: _____
11. A recipe needs 350 g of butter. Express this in kilograms.
   Answer: _____
12. An elephant weighs 5500 kg. How many tonnes is this?
   Answer: _____

C. Challenge Questions:

13. A shop sells rice in 750 g bags. How many bags are needed to make 6 kg of rice?
   Answer: _____
14. Three parcels weigh 1.2 kg, 850 g, and 2.3 kg. What is their total weight in grams?
   Answer: _____
15. A shipping container holds 12.5 tonnes of goods. If 4250 kg has been loaded, how many more kilograms can be added?
   Answer: _____