Mass Conversions and Calculations

Name: _____ Date: _____

Remember: 1 kilogram (kg) = 1000 grams (g) | 1 tonne (t) = 1000 kilograms (kg)

Section A: Convert Between Units

1. 3 kg = _____ g
2. 5000 g = _____ kg
3. 2.5 kg = _____ g
4. 7500 g = _____ kg
5. 4 t = _____ kg
6. 6000 kg = _____ t
7. 0.75 kg = _____ g
8. 250 g = _____ kg
9. 3.2 t = _____ kg
10. 8500 kg = _____ t

Section B: Order from Smallest to Largest

11. 3500 g, 2.5 kg, 4000 g, 3 kg

_____

12. 1.5 t, 2000 kg, 0.8 t, 1800 kg

_____

Section C: Word Problems

13. A bag of flour has a mass of 2.5 kg. What is this in grams?
Answer: _____

14. Sarah buys three packages of mince. Each package has a mass of 750 g. What is the total mass in kilograms?
Answer: _____

15. A truck can carry a maximum load of 8 tonnes. It already has 5500 kg loaded. How many more kilograms can be added?
Answer: _____

16. A recipe requires 350 g of sugar. How many grams of sugar would be needed to make the recipe 4 times?
Answer: _____

17. A shipping container has a mass of 2.3 tonnes when empty. It is loaded with boxes that have a combined mass of 4800 kg. What is the total mass of the container in tonnes?
Answer: _____