Converting Metric Units of Mass

Name: _____ Date: _____

Remember: 1 kilogram (kg) = 1000 grams (g)

Part A: Convert to grams

1. 3 kg = _____ g
2. 7 kg = _____ g
3. 5.5 kg = _____ g
4. 2.25 kg = _____ g
5. 10 kg = _____ g
6. 0.8 kg = _____ g

Part B: Convert to kilograms

7. 4000 g = _____ kg
8. 6500 g = _____ kg
9. 750 g = _____ kg
10. 12000 g = _____ kg
11. 250 g = _____ kg
12. 9800 g = _____ kg

Part C: Mixed Conversions

13. 3.6 kg = _____ g
14. 8200 g = _____ kg
15. 15.5 kg = _____ g
16. 475 g = _____ kg

Part D: Word Problems

17. Sarah bought 2.5 kg of apples and 800 g of oranges. What is the total mass in grams?

    Answer: _____

18. A bag of flour has a mass of 1.2 kg. If Tom uses 350 g for baking, how many grams are left?

    Answer: _____

19. A watermelon has a mass of 4500 g. What is its mass in kilograms?

    Answer: _____

20. Jack has three parcels with masses of 1.5 kg, 2.3 kg, and 850 g. What is the total mass in kilograms?

Answer: _____