Name: _____

1) A packet of peanuts has a mass of 250 grams. How many packs are needed for a recipe that requires one kilogram of peanuts? _____

2) Sam opens a two-kilogram bag of flour to bake a cake. If Sam uses 350 grams, what's the remaining mass of flour in the bag? _____

3) Sam stands on bathroom scales carrying a bag of oranges weighing 800 grams. If the reading on the scale is 76.4 kilograms, what is Sam's weight? _____

4) The twenty identical boxes loaded onto a truck have a combined one-tonne mass. What is the mass of each box? _____

5) A bag of oranges has a mass of 2.16 kilograms. If each orange has a mass of about 180 grams, how many oranges are in the bag? _____

6) A small truck and its load are weighed. If the truck has a mass of 5.9 tonnes and its load is 490 kilograms, what is the combined mass of the truck and its load? Answer in both kilograms and tonnes.

_____ kilograms   _____ tonnes

7) A 4.4-kilogram bowling ball is placed on one side of a balance scale. How many 55-gram tennis balls are needed to balance the scale? _____

55 grams