

Mass Problems

1. Wendy would like to make some biscuits. Her recipe says that she will require 425 grams of flour to make 8 cakes. Hayley wants to make 16 cakes. How much flour will she require? Give your answer in grams.
2. Dan weighs 2 watermelons. The first weighs 0.9kg and the second weighs 2750 grams. How much heavier is the second watermelon than the first? Answer in kg.
3. Anita weighs 3 items of fruit, the lemon weighs 170 grams, an apple weighs 235 grams and a pineapple weighs 1.2kg. What is the total weight of these three fruits in grams?
4. In a recipe for a cake I weigh 230 grams of flour, 0.1kg of butter and 120 grams of sugar into a bowl. The bowl weighs 30 grams. If I place the bowl with all the ingredients mentioned on the scales, what weight do the scales read? Give your answer in grams.
5. What is 0.02kg in grams?
6. Annie weighs 72kg, Carly weighs 63kg, Tina weighs 62kg and Mollie weighs 59kg. What is the mean average weight?
7. One Fizz Bomb sweet weighs 6.5 grams and costs 5p. Nick spends 30p on these sweets. How many does he buy and what is the total weight of the Fizz Bombs?
8. A factory stacks 0.5 kg boxes on a lorry. If a stack has a total weight of 8kg, how many boxes are there in one stack?
9. If a sack of potatoes weighs 10.06kg, how many grams is this?

In one hour a baker can produce 400 biscuits. Each biscuit weighs 30 grams. How many kilograms of biscuits are produced in an hour?