

Name..... Date

LO: to convert weights (4 - continued)

But what happens when you have more than 1 kg, for example 1100g.
How do you convert this?

Partition the number like this> 1000g and 100g. You know that 1000 g is the same as 1 whole kg = 1 kg, and from doing your work on the other sheet you know you write 100 g as 0.1 kg. So, 1 plus 0.1 = 1.1 kg.

$$1200 \text{ g} = 1000 \text{ g} + 200 \text{ g} = 1 \text{ kg} + 0.2 \text{ kg} = 1.2 \text{ kg}$$

$$2700 \text{ g} = 2000 \text{ g} + 700 \text{ g} = 2 \text{ kg} + 0.7 \text{ kg} = 2.7 \text{ kg}$$

$$3800 \text{ g} = \underline{\hspace{10cm}}$$

$$4400 \text{ g} = \underline{\hspace{10cm}}$$

$$5900 \text{ g} = \underline{\hspace{10cm}}$$

$$9200 \text{ g} = \underline{\hspace{10cm}}$$

Look carefully at these next questions. Look how many whole kilograms we have to help you work out the answer. Partition the amounts. For example $1.4 \text{ kg} = 1 \text{ whole kilogram and } 0.4 \text{ of kilogram}$. You know that $1 \text{ kg} = 1000\text{g}$ and that $0.4 \text{ kg} = 400\text{g}$. So add them together and your answer will be 1400 g.

$$2.7 \text{ kg} = 2 \text{ kg} + 0.7 \text{ kg} = 2000 \text{ g} + 700 \text{ g} = 2700 \text{ g}$$

$$3.6 \text{ kg} = \underline{\hspace{10cm}}$$

$$5.6 \text{ kg} = \underline{\hspace{10cm}}$$

$$8.1 \text{ kg} = \underline{\hspace{10cm}}$$

$$8.3 \text{ kg} = \underline{\hspace{10cm}}$$

$$9.4 \text{ kg} = \underline{\hspace{10cm}}$$