

The Professor's shopping



The weedkiller and the bulb fibre
have a total weight of

$$= 1000\text{g} + 550\text{g}$$

$$= 1\text{kg } 550\text{g}$$

$$\begin{array}{r} 700\text{g} \\ + 850\text{g} \\ \hline 1550\text{g or } 1\text{kg } 550\text{g} \end{array}$$

- 1 Write the total weights, in kg and g, of

slug pellets
and plant food

ant powder
and bulb fibre

grass seed
and charcoal

sand
and seed potatoes

The difference in weight between the
grass seed and the charcoal is 700g.

$$\begin{array}{r} 1500\text{g} \\ - 800\text{g} \\ \hline 700\text{g} \end{array}$$

- 2 Find the difference in weight between the

sand
and weedkiller

seed potatoes
and bulb fibre

- 3 The Professor carries all nine items
in 3 shopping bags. Each bag
cannot hold more than 3 kg.

Write what he can
carry in each bag.

Problem solving

