

Weigh to Go

ACTIVITY

Hazel works for Natural-e, a mail order company selling health food.

After she has filled an order, she weighs the bag and puts a tag on it before sending it off to be packed and franked. She matches the mass of each bag to the tag colour given on the chart above the scales.

Mass Tag

Up to 100 g	red
101 to 500 g	yellow
501 to 1 000 g	blue
1 001 to 2 000 g	white
Over 2 000 g	green

1. A bag weighs 75 grams. Which tag colour does Hazel put on it?
2. Hazel adds a 100 gram sachet of yoghurt mix to a bag already weighing 450 grams. Which tag colour does she put on it?
3. The scales break down! Help Hazel to complete her orders, using the following table:

200 g	Honey	\$5.00
100 g	Yoghurt mix	\$2.00
500 g	Bag of nuts	\$2.50
250 g	Bag of seeds	\$2.50
75 g	Muesli bar	\$1.50
50 g	Fruit bar	\$1.50
125 g	Spice box	\$2.50
25 g	Herb box	\$1.00
150 g	Carob brick	\$3.50



- a. Di Etting needs three fruit bars, two muesli bars, and one yoghurt mix. What colour is her tag?
 - b. Mr E. L. Ness needs two jars of honey and two bags of nuts. What colour is his tag?
 - c. Sarah Fit needs four bags of seeds and two carob bricks. What colour is her tag?
 - d. G. Nome needs four herb boxes, four spice boxes, and four bags of seeds. What colour is the tag?
 - e. What is the cost of each person's order?
4. Hazel finds a sealed bag with a red tag. There are two items in it. What might be in the bag?
 5. Hazel finds three other sealed bags. This time their tags are yellow. There are three items in each bag.
 - a. In the first bag, the items are all different.
 - b. In the second bag, two items are the same.
 - c. In the third bag, all three items are the same.Name three items that could be in each bag and give the total mass for each bag.