

Number EL2 Factory – match the sums



Read and write numbers. Add and subtract. Multiply.

Read these problems and use an arrow to match the problem to the sum that represents it. The first one has been done for you.

1. Line 8 produced 97 body panels but 24 were faulty. How many body panels weren't faulty?

$$10 \times 7 = 70$$

2. There are 10 production lines in the factory. Each line has 7 workers per shift. How many people in total work on each shift?

$$100 - 83 = 17$$

3. 25 supervisors work at the factory. 12 of them are away on a training course. How many of them are at work?

$$12 + 48 + 12 = 72$$

4. One of the production workers needs to collect some spares. She needs 3 boxes of rivets, 10 boxes of washers, 32 boxes of screws and 1 box of bolts. How many boxes will she have in total?

$$25 - 12 = 13$$

5. There are 100 spaces in the car park, 83 of them are taken. How many spaces are free?

$$3 + 10 + 32 + 1 = 46$$

6. Four production workers need a set of goggles and an apron. How many pieces of equipment will they use in total?

$$4 \times 2 = 8$$

7. Line 5 produced 12 body panels, 48 doors and 12 wing panels. How many items did it produce in total?

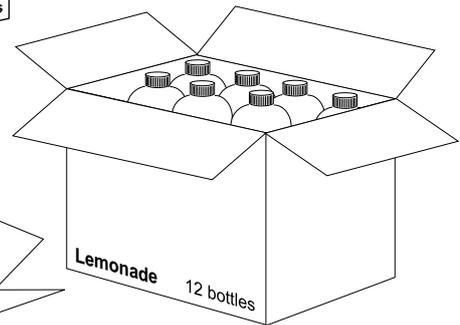
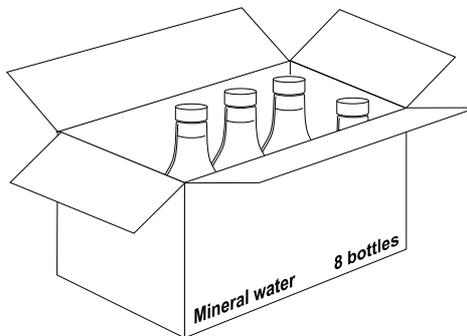
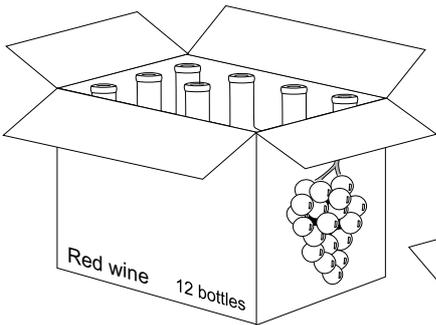
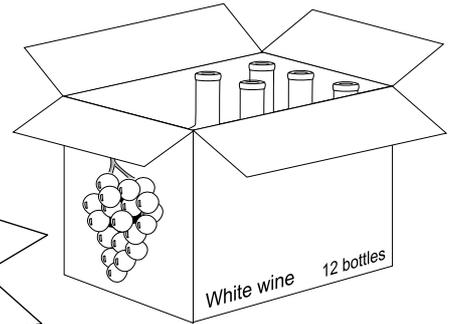
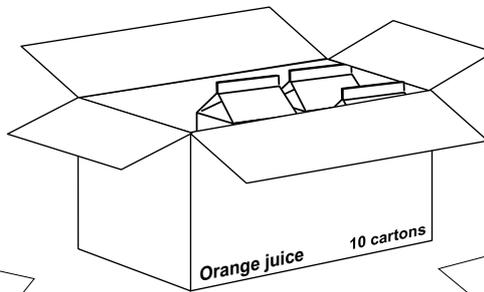
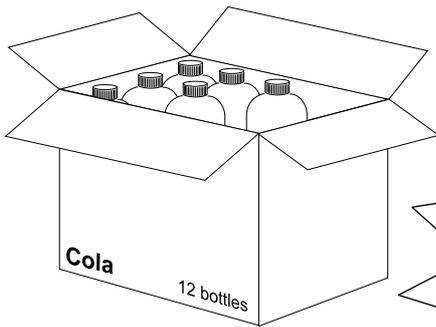
$$97 - 24 = 73$$

Number EL3 Supermarket – taking stock



Count stock. Add and subtract. Multiply and divide.

This is a selection of some of the items in the stockroom. Look at the pack sizes and the amount of stock left and work out what fraction of each of these packs has been used. Give your answers in the table.



Item	No. in pack	No. used	Fraction used

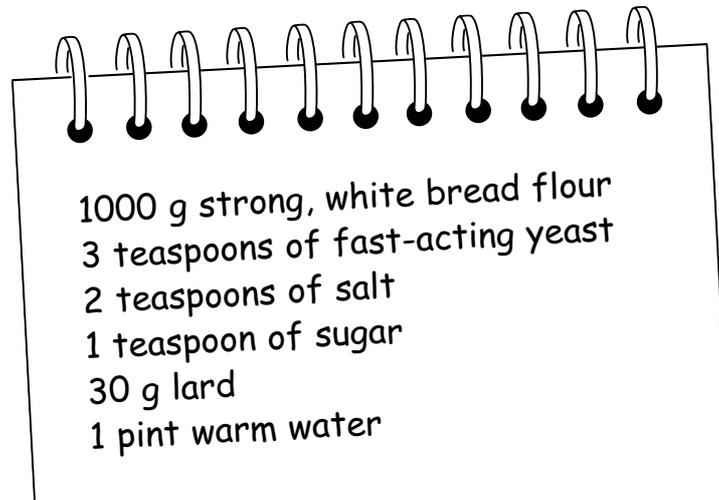
Number L1 Supermarket – bakery orders



Use simple ratio and proportion.

At certain times of the year the demand for bread increases dramatically. This happens whenever the supermarket is closed over a holiday period such as Easter or Christmas.

Here is the recipe Bill uses every day to bake crusty white rolls. This recipe will make 20 rolls:



If Bill needs to bake more bread rolls, he will need to increase the amount of ingredients he uses in the correct proportion.

Calculate the amount of each ingredient he will need to make 40, 50 and 100 rolls.

	20 rolls	40 rolls	50 rolls	100 rolls
Flour	1000 g			
Yeast	3 tsp			
Salt	2 tsp			
Sugar	1 tsp			
Lard	30 g			
Water	1 pt			