

Use it

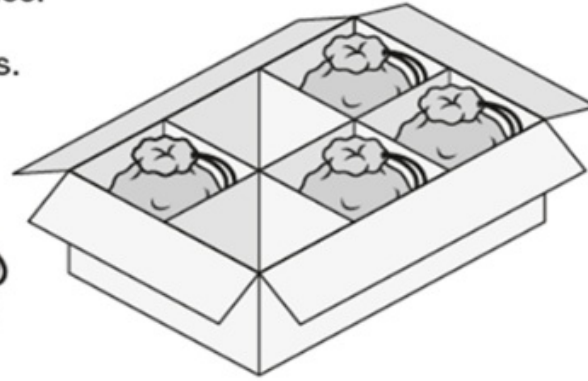
- 1) A factory sold beads in boxes, with 58 beads in each box. In one week, it sold 26 boxes of beads. How many beads were sold altogether? **1508 beads**
- 2) Carrots come in packs of 18. The carrots are on average 12cm in length. Asda buys 88 packs of carrots. What is the total number of carrots that Asda purchased? **1584 carrots**
- 3) A factory fills 76 cans of drink in an hour. How many cans will be filled in 2 days? **3648 cans**
- 4) There are 12 planks of wood. A plank of wood is 49cm long. How much wood is there in cm? **Challenge: Can you convert this answer into m?** **588cm or 5.88m**
- 5) There is 75g in a bag of flour. A lorry transports 64 bags of flour. What is the product of flour is in the lorry in g? **Challenge: Can you convert this answer into kg?** **4800g or 4.8kg**
- 6) In a class, there are 30 children. Each child raises £24 for a charity. Can you calculate **mentally**, how much money the class raise for charity? **£720**

7)

A toy shop orders 11 boxes of marbles.

Each box contains 6 bags of marbles.

Each bag contains 45 marbles.



Each box:

$$6 \text{ bags of marbles} \times 45 \text{ marbles} = 270$$

$$11 \times 270 = \mathbf{2970}$$

How many marbles does the shop order in total?

8)

$$\begin{array}{r}
 \begin{array}{cc} \boxed{4} & \boxed{9} \end{array} \\
 \times \begin{array}{c} \boxed{7} \\ 8 \end{array} \\
 \hline
 3 \ 9 \ 2 \\
 3 \ 4 \ 3 \ 0 \\
 \hline
 3 \ \boxed{8} \ 2 \ 2 \\
 \hline
 \hline
 \end{array}$$

Prove it

Amir has multiplied 47 by 36



		4	7
x		3	6
	2	8	2
	1	4	1
	3	2	3

Alex is correct. Amir has forgotten to use zero as a place holder when multiplying by 3 tens.

Alex says,



Amir is wrong because the answer should be 1,692 not 323

Teacher will mark if you upload on Dojo:

Without calculating, which calculation will have the greatest product. Explain how you know.

$$378 \times 7$$

$$778 \times 3$$

Explain the mistakes

$$63 \times 27$$

Mistake 1

$$60 \times 20 = 1200$$

$$3 \times 7 = 21$$

$$1200 + 21 = 1221$$

Mistake 2

	20	7
60	120	420
3	60	21

$$120 + 420 + 60 + 21 = 621$$