

First, begin the lesson by completing a simulation of the year 4 multiplication test.

You have 25 random times table questions to answer and you are given 6 seconds to answer each one. Try not to use any times tables sheets/ resources to help you, we need to be fluent by now!

Lesson:

Today, we are looking at multiplying 3-digit numbers by 1-digit numbers. Yesterday we multiplied 2-digit numbers. All you do now is add on another digit! It's that easy.

Let's look at 3×235 .

H T O

$$\begin{array}{r} 3 \\ 235 \\ \hline \\ \hline \end{array}$$

We have to set it out like this so that we don't get confused about what our digits are worth.

First, we will multiply our ones. 3×5 is 15 so we will put 5 in the ones column and carry the 10.

H T O

$$\begin{array}{r} 3 \\ 235 \\ \hline 5 \\ \hline 1 \end{array}$$

We now move on to 3×30 . 3×30 is 90 so we will write our 9 in the tens column. However, we then need to add on the 10 we carried over previously. We now have 100 so we will write a 0 in the tens column and carry over the 1 which represents 100.

a) $3 \times 213 =$

d) $6 \times 106 =$

b) $4 \times 216 =$

e) $4 \times 209 =$

c) $5 \times 106 =$

f) $317 \times 3 =$

Ron and Teddy are working out 5×245



Ron

I know the answer will be greater than 1,000 because I know 5×200 is 1,000

I know the answer should end in 5 because I know 5×5 is 25



Teddy

Who is correct?

Challenges:

Jack - $245 \times 3 > 132 \times 4$. True or false?

Queen-

There are 7 year groups in a school.

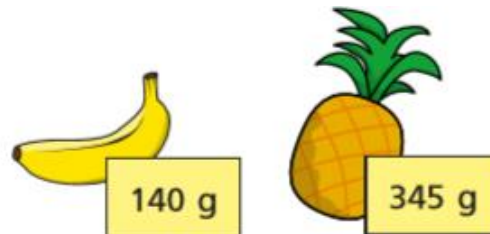
There are 112 children in each year group.

How many children are there in the whole school?

Ace-

| A banana weighs 140 g

A pineapple weighs 345 g



Bag A contains 8 bananas and bag B contains 3 pineapples.

Which bag weighs more and by how much?

Show your working.