Multiplying with the partitioning method

When multiplying a two-digit number by a one-digit number, use your partitioning skills to split up the two-digit number and multiply each digit in turn. It works in exactly the same way as the grid method… just without the grid!

23 x 5 =

First do 20 x 5 = 100

Now multiply 3 by 5 = 15

Then add the two answers together: 100 + 15 = 115

You could also write:

23 x 5 = (20 x 5) + (3 x 5) = 100 + 15 = 115

Use this method to multiply the following:

24 x 6 =	35 x 4 =
44 x 3 =	43 x 7 =
93 x 6 =	54 x 3 =

Answers:
1. 144, 2. 140, 3. 132, 4. 301, 5. 558, 6. 162

Year 3 Maths