

A Bit Stuck? Multiplication splits

Try this activity with a partner, but record your calculations on your own sheet.

What to do:

- Use the grid method to work out the answers to these multiplications.

$$3 \times 125$$

×	100	20	5	
3				

$$5 \times 323$$

×	300	20	3	
5				

$$4 \times 435$$

×	400	30	5	
4				

- Next choose at least two multiplications and draw your own grids to keep track of your steps.

$$7 \times 123$$

$$6 \times 214$$

$$8 \times 142$$

$$5 \times 415$$

Things you will need:

- A pencil



S-t-r-e-t-c-h:

Which of these multiplications will have the biggest answer?

Which will have the smallest answer?

$$8 \times 243$$

$$6 \times 411$$

$$2 \times 534$$

Learning outcomes:

- I can use the grid method to multiply 3-digit numbers by 1-digit numbers.
- I am beginning to estimate the answers.