

29.6.20

LO to investigate multiplying digits by 11

To multiply any two digit number by 11, you can add the two digits of the number together, then put the sum between the two digits.

For example: to find 11×71

$$7 + 1 = 8$$

Therefore, the answer is 781

Will this always work when multiplying by a 2 digit number? Why?

Investigation 2

Can you come up with a rule for multiplying
any 3 digit number by 11?