

Marvellous multiples

Choose 4 digits that form a rectangle on the calculator pad.

Write them down in order clockwise e.g. 7854, 8547, 5478, 4785
(but not 7458).

Create lots of these numbers using different rectangles.

You will find that all these numbers have a common factor, other than 1.

1. What can't the common factor be?
2. What could the common factor be?
3. Find out what the common factor is. It might not be what you expect.

