# MA080G Cryptography Assignment Block 1

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# Fermat's Little Theorem

What is fermat blablabla

### Proof using modular arithmetic

asd [1].

#### The cancellation law

We can cancel out a because p does not divide a, nor k.

#### The rearrangement property

abada

#### References

[1] Wikipedia, "Proofs of Fermat's little theorem", https://en.wikipedia.org/wiki/Proofs\_of\_Fermat%27s\_little\_theorem 18-04-2019