[Some figure on top, which must not effect the spacing of the theorem environments below.]

1 Introduction

DEFINITION 1.1. A *group* is a groupoid with only one object.

REMARK 1.2. This definition is rather straightforward.

THEOREM 1.3 (Euclid). *There are infinitely many prime numbers.*

As we have seen in definition 1.1, a group is a special groupoid.