```
Inverse: trait
  assumes Identity, Semigroup
  includes LeftInverse, RightInverse
  implies
    Involutive (__^-1 for op)
    ∀ x, y: T
      unit^-1 == unit;
      (x ∘ y)^-1 == (y^-1) ∘ (x^-1)
```