

```
In [7]: import fractions
frac = Fraction(25, 100)
frac.numerator
```

Out[7]: 1

```
In [9]: def mediant(frac1, frac2):
        # a/b and c/d into a + c / b + d
        return Fraction(frac1.numerator + frac2.numerator, frac1.denominator + frac2.denominator)
```

```
In [13]: mediant(Fraction(1, 2), Fraction(3, 4))
```

Out[13]: Fraction(2, 3)

<https://math.stackexchange.com/questions/187373/fraction-of-the-relations-from-one-set-to-another> (<https://math.stackexchange.com/questions/187373/fraction-of-the-relations-from-one-set-to-another>).