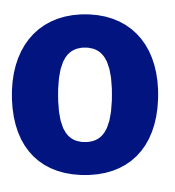
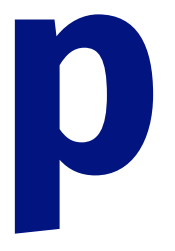
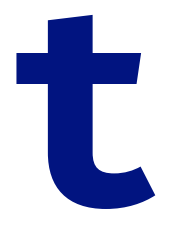
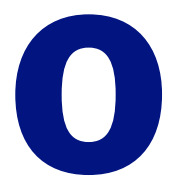
Operator overloading

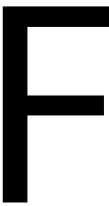
no restrictions on parameter type

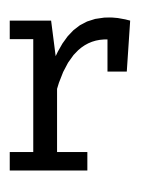


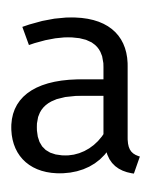


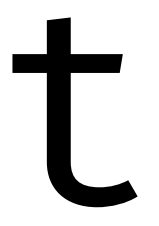


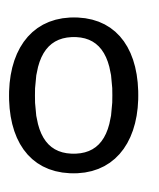


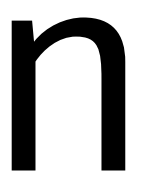


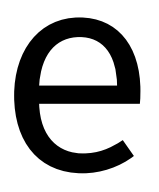


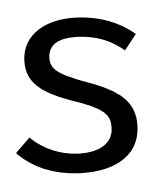


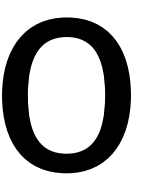


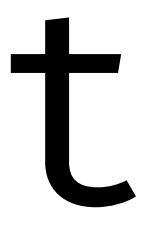


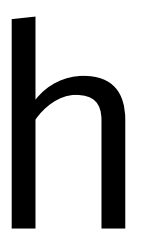


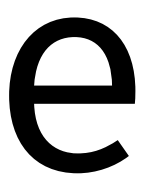


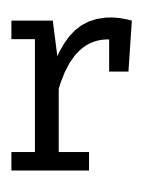


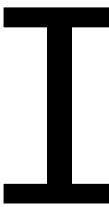


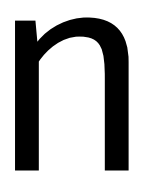












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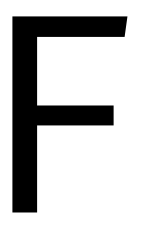

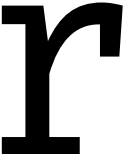

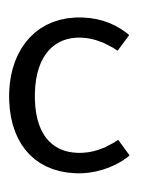

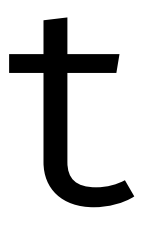

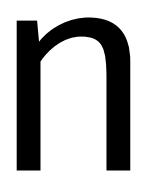

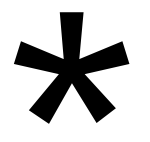

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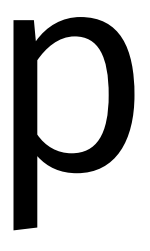

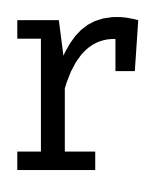

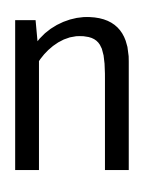

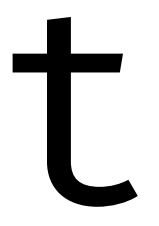

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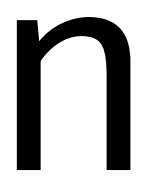

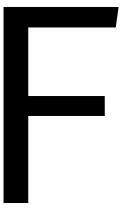

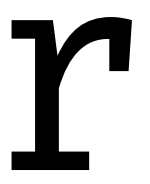

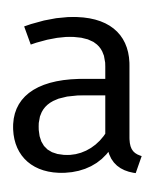

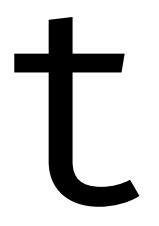

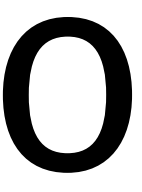

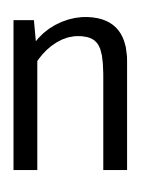

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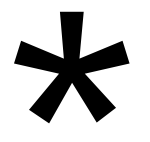

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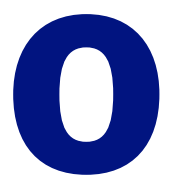

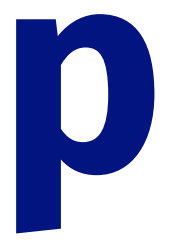

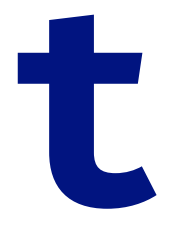

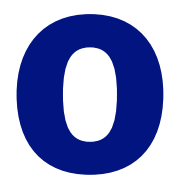

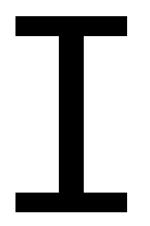

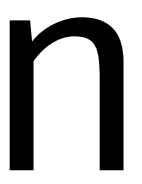

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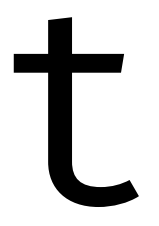

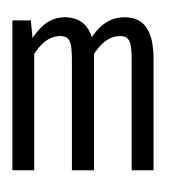

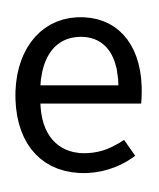

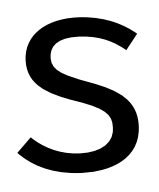

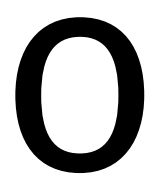

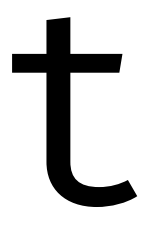

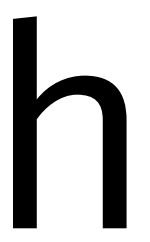

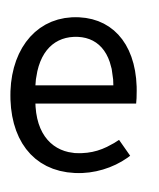

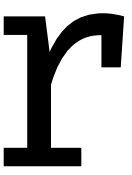

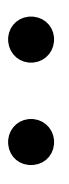

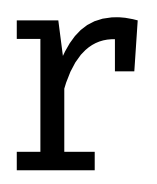

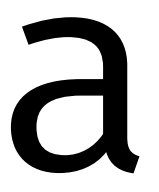

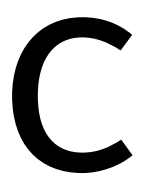

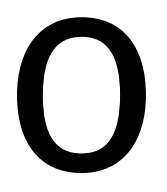

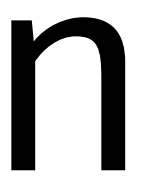

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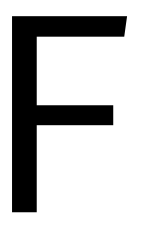

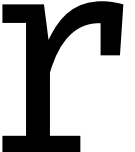

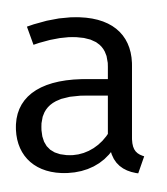
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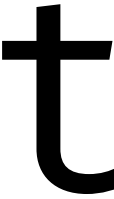

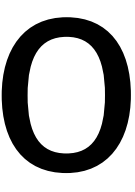

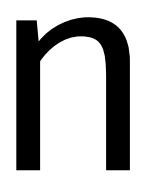

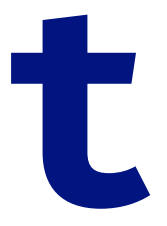

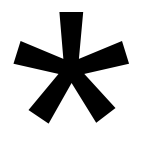

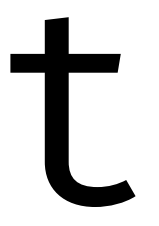

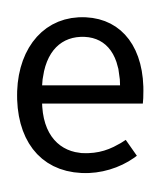

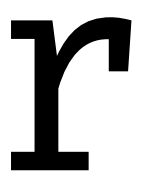

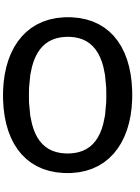

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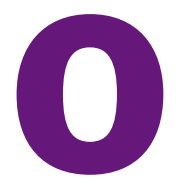

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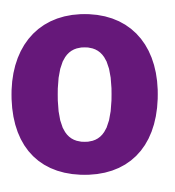

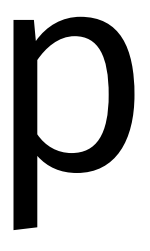

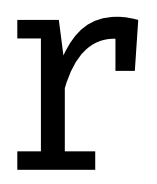

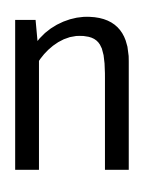

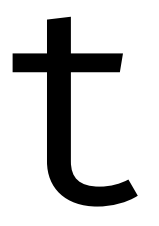

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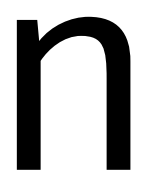

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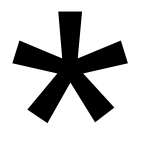

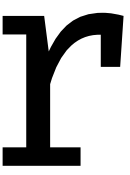

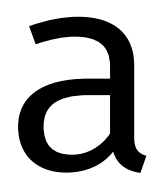

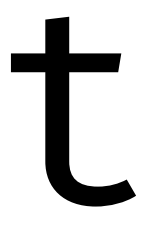

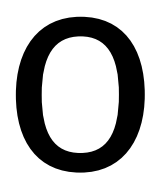

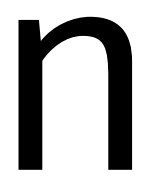

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2/3

28

```
operator fun Fraction.times(other: Int) = Fraction(numerator * other, denominator)
```

```
println(Fraction(1, 3) * 2)
```

```
operator fun Int.times(other: Fraction) =
    Fraction(this * other.numerator, other.denominator)
```

```
println(2 * Fraction(1, 3))
```

Operator overloading

no restrictions on parameter type

```
operator fun Fraction.times(other: Int) = Fraction(numerator * other, denominator)

operator fun Int.times(other: Fraction) =
    Fraction(this * other.numerator, other.denominator)

println(Fraction(1, 3) * 2)
println(2 * Fraction(1, 3))
```

2/3

2/3

Operator overloading

standard library examples