Commutative

Identity

Additive Inverse

Multiplicative inverse

Additive:

$a + b = b + c$

Multiplicative:

$ab = ba$

Addition

$a + 0 = a$

Multiplication

$a \cdot 1 = a$

$a + (-a) = 0$

$a \cdot \frac{1}{a} = 1$