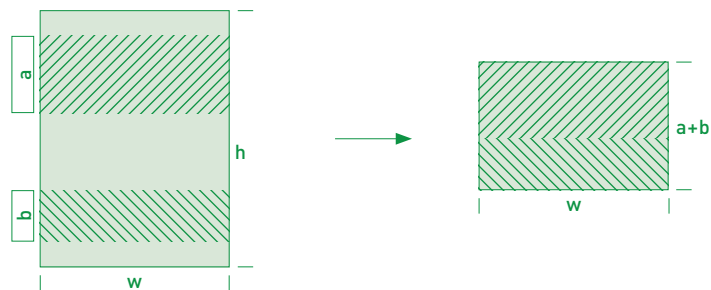


**Notes**

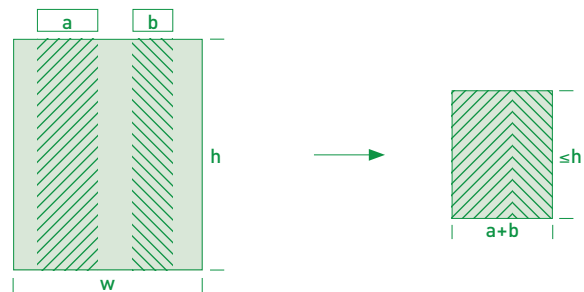
Relations are powerful data structures. A relation consists of a heading and a body (similar to a table). The heading specifies the attribute names and types (columns), and the attribute values are kept in the tuples (rows) within the body. Both heading and body are mathematical sets - unique and unordered collections of elements.

These diagrams illustrate 7 operators from the relational algebra implemented in the Bandicoot system. Some of them are binary (take 2 relations as input) and some are unary (take 1 relation as input).

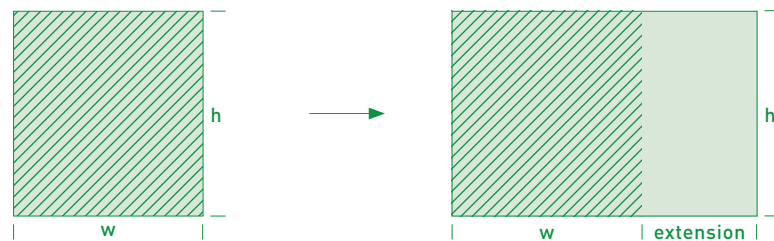
**Select**



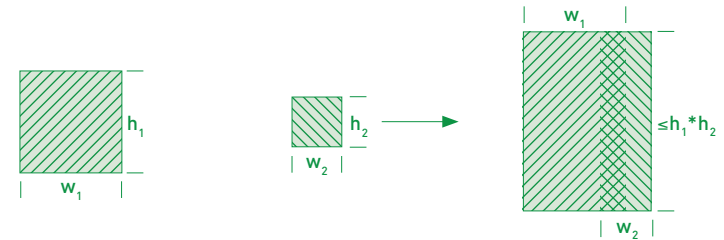
**Project**



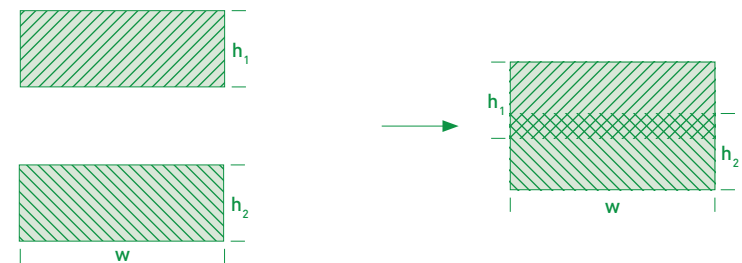
**Extend**



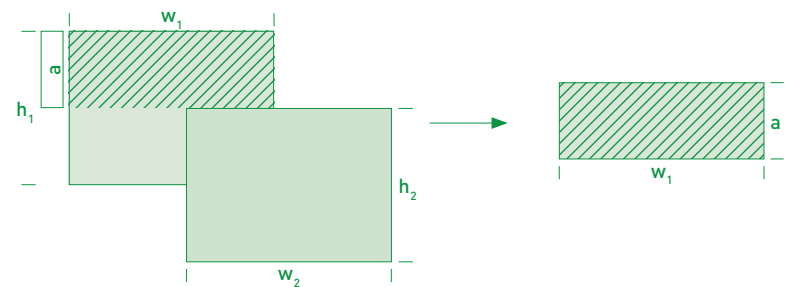
**Join**



**Union**



**Minus (Semidifference)**



**Summary (Binary)**

