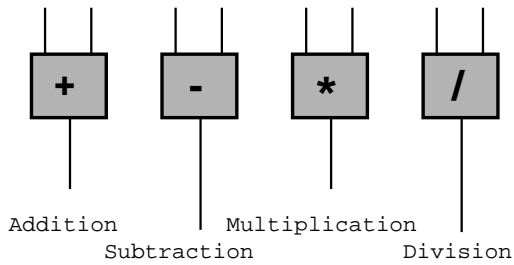


## DATA FLOW DIAGRAMS: Real values

### 1 REAL Data Flow Components

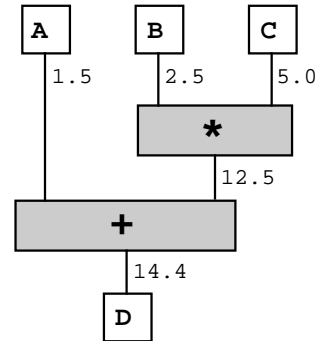
Data Type: Real (Decimal) Values

Actions: Arithmetic operations



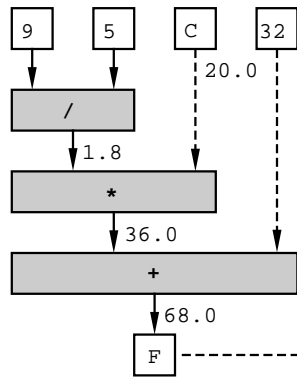
### 2 FORMULA Tree (Precedence)

$$D = A + B * C$$



### 3 CONVERT degrees C to F

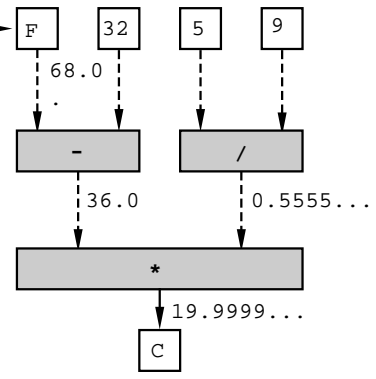
$$9.0 / 5.0 * C + 32.0$$



$$68^\circ \text{ F} = 20^\circ \text{ C}$$

### 4 CONVERT degrees F to C

$$(F - 32.0) * (5.0/9.0)$$



### 5 POLYNOMIAL Data Flow Diagram

$$Y = A + B * X + C * X^2 + D * X^3 + E * X^4$$

$$= A + X * (B + X * (C + X * (D + X * E)))$$

