Note: these are all math symbols so you need to be in the math environment to use them. You can do this two ways:

- \begin{displaymath} symbols here \end{displaymath} or
- \$ symbols here \$.

symbol name	LAT _E Xcode	symbol
leftarrow	\leftarrow	\leftarrow
select	\sigma	σ
project	\Pi	Π
inner join	\bowtie	\bowtie
cross product	\times	×
rename	\rho	ho
less than	<	<
greater than	>	>
less than or equal	\leq	\leq
greater than or equal	\geq	≤ ≥
equal	=	=
not equal	\neq	\neq
and	\wedge	\wedge
or	\vee	\vee
not	\neg	\neg

Example:

```
basic-cust-accts \leftarrow \Pi_{(name, customer.sin, account-number)}(\sigma_{customer.sin=account.sin}(customer \times account))
```

And here's the LATEXcode:

```
$basic-cust-accts \leftarrow \Pi_{(name, customer.sin, account-number)}
  (\sigma_{customer.sin = account.sin}(customer \times account))$
```

Note the use of the _ symbol for the subscript. Everything you want subscripted must be enclosed in {}.

Here's another way you might write this:

```
temp1 \leftarrow (customer \times account) \\ temp2 \leftarrow \sigma_{customer.sin=account.sin}(temp1) \\ basic - cust - accts \leftarrow \Pi_{(name, customer.sin, account-number)}(temp2)
```

And here's the LATEXcode:

```
$temp1 \leftarrow (customer \times account) $ \\
$temp2 \leftarrow \sigma_{customer.sin} = account.sin}(temp1)$ \\
$basic-cust-accts \leftarrow \Pi_{(name, customer.sin, account-number)}(temp2)$
```