$\sin(\theta)$ is correct, $sin(theta)$ is not.

$\mathrm{atan}(1/2)$ is correct, atan(1/2) is also correct.

Around binary operator are 4mu spaces: $a + b$ is just $a + b$, which is like $a + b$.

Around binary relation are 5mu space: $a = b$ is just $a = b$, which is like $a = b$.