|  |  |
| --- | --- |
| sen² x + cos² x = 1 |  |
| tan² x = sec² x -1 |  |
| cotg² x = cossec² x - 1 | tan |
| sen (- x) = - sen x | sen x . cos y = |
| cos (- x) = cos x | sen x . sen y = |
| tan (- x) = - tan x | cos x . cos y = |
| cossec x = | cos x . sen y = |
| sec x = | sen x – sen y = 2 sen . cos |
| cotg x = | sen x . cos x = sen 2x |
| tan x = | 1 – cos x = 2 sen² |
| cotg x = | 1 + cos x = 2 cos² |
| sen (a ± b) = sen a . cos b ± cos a . sen b | 1 ± sen x = 1 ± cos |
| cos (a ± b) = cos a . cos b ± sen a . sen b | cos 2x = cos² x – sen² x |
| tan (a + b) = |  |
| tan (a – b) = |  |
| cos² x = |  |
| sen² x = |  |
| sen 2 x = 2 . sen x . cos x |  |
| cos 2x = cos² x – sen² x |  |
| tan 2x = |  |