= (cosx \* cosx) + (sinx \* (-sinx) = cos2x -sin2x

1 3

= ------------ \* (3 \* (2x + 1)2) = ----------

(2x + 1)3 2x + 1

 1 1 cos2(ln(x3))

= ------------------- \* cos2(ln(x3)) \* ---- = -----------------------

2√(sin2(ln(x3))) x3 2x3 √(sin2(ln(x3)))

 4x3 \* ln x – x4 \* (1/x) 4x3 \* ln x – x3 x3 (4 \* ln x - 1)

= ----------------------------- = ------------------ = --------------------

ln2x ln2x ln2x