























Division - Direct Method - Improvement	
$\Delta_k = A - BX_k$	radix 4
$\Delta_k = A - B \left(X_{k-2} + \left(x_{-k+1} 2^{-k+1} + x_{-k} 2^{-k} \right) \right)$))
$\Delta_k = \Delta_{k-2} - B(x_{-k+1}2^{-k+1} + x_{-k}2^{-k})$	
$2^{k}\Delta_{k} = 2^{k}\Delta_{k-2} - B(2x_{-k+1} + x_{-k})$	Let $D_k = 2^k \Delta_k$
$D_k = 4\left(D_{k-2} - \frac{B}{4}\left(2x_{-k+1} + x_{-k}\right)\right)$)
Square Root	December 2017













