$x_8 = 1.435$	$x_0 = 2.5$ $x_{n+1} = \frac{2}{(x_n)^2} + 2$	$x_5 = 1.410$	$x_0 = 1$ $x_{n+1} = \sqrt{\left(\frac{2}{x_n} + \frac{2}{3}\right)}$
$x_0 = 2$ $x_{n+1} = arcsin(cosx_n)$	$x_4 = 2.279$	$x_6 = 0.347$	$x_0 = 2$ $x_{n+1} = \sqrt{\left(\frac{1}{3 - x_n}\right)}$
$x_5 = 0.653$	$x_0 = 0$ $x_{n+1} = \sqrt{(1 + sinx_n)}$	$x_8 = 2.359$	Finish
$x_0 = 2$ $x_{n+1} = \sqrt[3]{(3x_n + 5)}$	$x_0 = 1$ $x_{n+1} = \frac{{x_n}^3 + 1}{3}$	Start	$x_{10} = 0.695$