Differentiate the function with respect to http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257Bx%257D%255Cend%257Bdisplaymath%257Dhttp://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257Bx%257D%255Cend%257Bdisplaymath%257D:

1. http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257B%255Cpi%2520x%257D%255Cend%257Bdisplaymath%257D
2. http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257B%28x-1%29%28x%252B4%29%257D%255Cend%257Bdisplaymath%257D
3. http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257B%255Cpi%255E%257B3%257D%257D%255Cend%257Bdisplaymath%257D
4. http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257Be%255E%257B2%257D%257D%255Cend%257Bdisplaymath%257D
5. http://calculus.sfsu.edu/latexrender/latex2image.php?data=%255Cbegin%257Bdisplaymath%257D%2520%255Ctextstyle%257B%255Cpi%2520x%255E%257B2%257D%2520%252B%2520e%257D%255Cend%257Bdisplaymath%257D

Determine Limit