



```

\usepackage{pstricks-add}

\psset{unit=2cm}
\begin{pspicture}(-2.5,-1.5)(2.5,2.5)
  \psaxes{->}(0,0)(-2.5,-1.5)(2.5,2.5)
  \psplot[linewidth=1.5pt,algebraic]{-2.5}{+2.5}{(2*x+4)/(2*x^2)}
  \psline[linestyle=dashed](-1.5,-1.5)(2.5,2.5)
  \def\function{ xVal dup add 4 add xVal dup mul 2 add div }%
  \pstVerb{ /xVal -1 def }% start value
  \multido{\nA=0+1}{10}{%
    \psline[linestyle=dotted](! xVal 0 )(! xVal xVal)
    \psline[linecolor=red](! xVal xVal )(! xVal \function )
    \psline[linecolor=red](! xVal \function )(! \function\space dup)
    \pstVerb{ /xVal \function\space def}
  }
\end{pspicture}

```