



```

\psset{xunit=2cm,yunit=2cm,algebraic=true}
\begin{pspicture}[showgrid=true](-5,-5)(1,1)
  \psaxes{->}(0,0)(-5,-5)(1,1)[$x$,-90][$y$,180]%
  \rput(-2,-3){${y}=\dfrac{-2x+8}{2x-2}}$}%
  \psplot {-5}{0.10}{x }%
  \psplot[linecolor=red,linewidth=1.5pt]{-5}{0.10}{(-2*x+8)/(2*x-2)}%
  \def\function{-2 xVal mul 8 add 2 xVal mul -2 add div }%
  \pstVerb{ /xVal 0 def }% start value
  \multido{\nA=0+1}{4}{%
    \psline[linecolor=blue,linewidth=1.5pt]{->}(! xVal xVal )(! xVal \function )
    \psline[linecolor=blue,linewidth=1.5pt]{->}(! xVal \function )(! \function\space dup)
  }

```

```
\pstVerb{ /xVal \function\space def}
\psline[linestyle=dashed,linecolor=blue]{->}(! xVal xVal)(! xVal 0 )
\uput{1ex}[90](! xVal 0 ){$v_{\nA}$}
}
\end{pspicture}
```