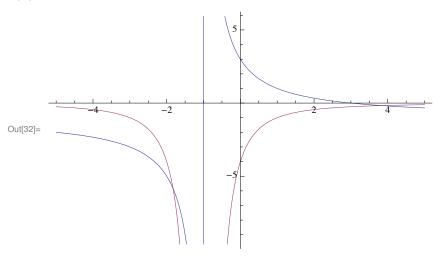
Out[30]=
$$-\frac{4}{(1+x)(1+h+x)}$$

$$ln[31]:= \text{ Limit}[\%, \{h \rightarrow 0\}]$$

Out[31]=
$$\left\{-\frac{4}{(1+x)^2}\right\}$$



(* Quiz 7 | AP Calculus BC *)

$$ln[1]:= f[x_] := (1/x) + (Sqrt[1-x]);$$

Out[25]=
$$\frac{-\sqrt{1-x} + \sqrt{1-h-x} - \frac{1}{x} + \frac{1}{h+x}}{h}$$

Out[26]=
$$\left\{ -\frac{1}{2\sqrt{1-x}} - \frac{1}{x^2} \right\}$$

 $ln[28]:= Plot[{f[x], f'[x]}, {x, -3, 3}, PlotRange \rightarrow {-6, 6}]$

