$h(x) = \log(4x+3)$ ⇒ notice x intercept is $4x+3=1$

$h^{-1}(x) = \frac{10^x - 3}{4}$

$4x = -2$

$x = \frac{-1}{2}$

asymptote is

$4x+3=0$

$4x = -3$

$x = \frac{-3}{4}$

(8 points) c) Graph $h(x)$ and $h^{-1}(x)$ from part b).