Starter
Homework Questions
1.2 Symmetry/Asymptotes

HW Pg. 103 \#47-66

$$
\begin{aligned}
& 43)-x^{3}+2 x-3 \\
& \max (.82,-1.91) \\
& \min (-.82,-4.09) \\
& x \cdot-1.89(-1.89,0)
\end{aligned}
$$

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38) $y_{\uparrow}=2^{-x}$


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$$
\text { 45) } \begin{aligned}
& x^{2} \sqrt{x+4} \\
& x \cdot(0,0) \\
& \max :(-3.0,9.16) \\
& \min \cdot(0,0)
\end{aligned}
$$

Symmetry


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$$
f(-x)=f(x)
$$

even = same
a.) $x^{2}-3 \quad f(-x)=(-x)^{2}-3$

c) $h(x)=+\frac{x^{3}}{4-x^{2}}$

$$
\begin{aligned}
(-x) & =\frac{(-x)^{3}}{4-(-x)^{2}} \quad 0 d \\
& =\frac{-x^{3}}{4-x^{2}} \quad h(x)+\rightarrow h(x)- \\
& =-\left(\frac{x^{3}}{4-y^{<}}\right)
\end{aligned}
$$



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