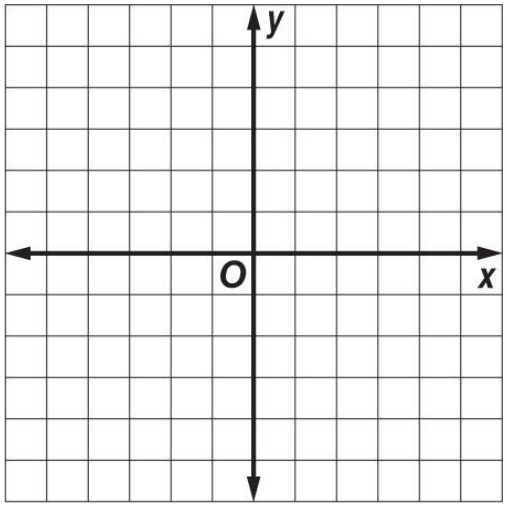
Name:_____

7.3 Hyperbolas!

1) Graph $\frac{(x+1)^2}{4}-(y-3)^2=1$. Identify:



Center:_____

Vertices: _____

Foci: _____

Equation of Asymptotes:

_____

Name:_____

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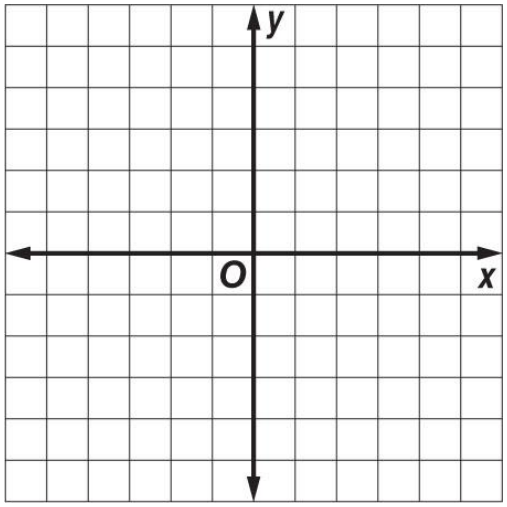

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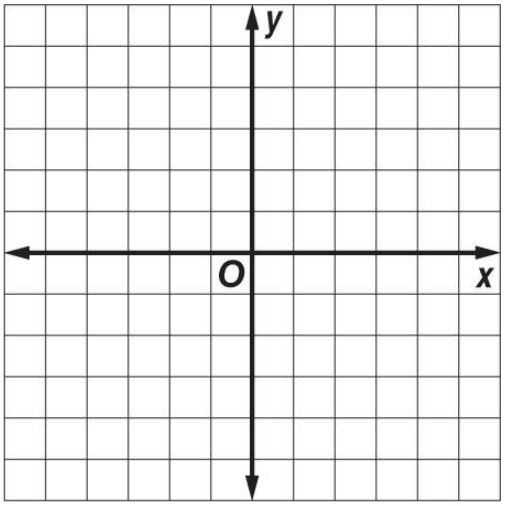
2) Put $18y^2 - 36y - 8x^2 - 32x - 86 = 0$ in standard form and graph.



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