$$
\text { vertex }(-2,-9) \text { axis of sym } \rightarrow x=-2
$$



- Warm-up $\frac{-b}{2 a} \rightarrow$ axis sym $\quad y$-int $\rightarrow(0,-5)$
- Graph the following quadratic. Include $x^{x-\ln (s)}(-5,0)(1,0)$ the focus and directrix in your graph.

$$
\begin{array}{ccc} 
& f(x)=x^{2}+4 x-5=0 \\
(x+5)(x-1) & =0 \\
(-2)^{2}+4(-2)-5 & x+5=0 \quad x-1=0 \\
\frac{4-8-5}{-4-5}+ & x=5 \quad x=1
\end{array}
$$

- Work on Performance Task

Content: I will review the concept of parabolas and see a new way to apply it. Social: I will participate in the class activities.


## Objectives

Content: I will review the concept of parabolas and see a new way to apply it. Social: I will participate in the class activities.
Language: I will read directions carefully and identify new words in the task directions.

