

$$
\left.\begin{array}{l}
t+|\varepsilon+x|->爪 \\
\tau-z(\varepsilon+x)<\kappa
\end{array}\right\}
$$



$$
\left.\begin{array}{c}
\star-x \frac{\tau}{\tau}<\kappa \\
9-z(\varepsilon-x)>\kappa
\end{array}\right\}
$$

 [ $\forall$

Example 4 Is the ordered pair is a solution?

@u@draీtic

## Пnequalities

Dashed:

Shade up:
Shade down:

For a system of inequalities, any point that lies within the $\qquad$ shaded area or on a $\qquad$ boundary line of that area is a solution.

Example 1 Graph the solution of the quadratic inequality

$y>-x^{2}+2 x+1$
Standard form
vertex:

$y \geq(x-3)(x+1)$
intercept form
x-int:
vertex:

