$$
\text { 11. } \begin{aligned}
& a \cdot \frac{k}{a}=(\omega-v) a \\
& \frac{k}{\omega-v}=\frac{a(\omega-v)}{\omega-v} \\
& \frac{k}{\omega-v}=a \\
& a=-\frac{k}{-\omega+v}=\frac{-k}{-\omega+v}=\frac{k}{-(-\omega+v)} \\
& a=\frac{k}{\omega+-v}
\end{aligned}
$$

$$
\text { 13. } \begin{aligned}
& u=k a+b a \\
& \frac{u}{(k+b)}=\frac{a(k+b)}{(k+b)} \\
& a=\frac{u}{k+b}\left(\frac{-1)}{1 \pi}\right) \frac{-u}{-k-b} \\
& b \ngtr-k
\end{aligned}
$$

Simplifying Quadratic Rational Expression
Simplify

$$
\frac{x^{2}+2 x+1}{x+1}
$$

Restriction

$$
x \neq-1
$$

$$
\begin{aligned}
& x+1 \\
& x \neq-1
\end{aligned}
$$

