Warmup:

$$
\begin{aligned}
& \text { Simplify each expression. }
\end{aligned}
$$

$$
\begin{aligned}
& \frac{2(x+5)(x-5)}{(x+y)}+\frac{1(x+5)(x-y)}{(x-5)}=\frac{16(x+5)(x-y)}{(x+5)(x-5)} \\
& \text { A } \widehat{2(x-5)}+\widehat{(x+5)}=16 \\
& \underline{2 x-10}+\underline{x}+\underset{m}{5}=16 \\
& 3 x-5=\underset{+5}{-16} \Rightarrow \frac{3 x}{3}=\frac{21}{3} \Rightarrow x=7
\end{aligned}
$$

## Practice with Solving Equations

Homework:

## Solving Rational Equations

