oComper Fractions
Wing and

$$
\begin{aligned}
& \text { Equations } \\
& =\frac{x^{2}-5 x-6}{(x+2)(x-2)} \cdot \frac{(x-2)(x+3)}{2 x^{2}+9 x+4} \\
& =\frac{(x-6)(x+1)}{(x+2)(x-2)} \cdot \frac{(x-2)(x+3)}{(2 x+1)(x+4)} \\
& =\frac{(x-6)(x+1)(x+3)}{(x+2)(2 x+1)(x+4)}
\end{aligned}
$$



$$
\begin{aligned}
& \frac{x+5}{x^{3}+x^{2}}-\frac{2}{x^{2}-2 x}=\frac{-3}{x^{2}-x-2} \\
& x^{2}(x+1) \quad x^{x}(x-2)(x-2)(x+1) \\
& \underset{(x-2)}{(x+2)}\left[\frac{x+5}{x^{2}(x+1)}-\frac{2^{x^{5}(x+2)}}{x(x-2)}=\frac{-3^{x^{2}} /}{(x-2)(y / 1)}\right] \\
& (x-2)(x+5)-2 x(x+1)=-3 x^{2} \\
& x^{2}+5 x-2 x-10-2 x^{2}-2 x=-3 x^{2} \\
& -x^{2}+x-10=-3 x^{2} \\
& +3 x^{2} \\
& 2 x^{2}+x-10=0 \\
& (2 x+5)(x-2)=0 \\
& x=-5 / 2 x=2 \\
& \text { 1) Factor the } \\
& \text { Lendminatoss! } \\
& \text { a) Check for } \\
& \text { excluded } \\
& \text { values. } \\
& x \neq 0,-1,2 \\
& \text { 3) Melting by } \\
& \text { the common } \\
& \text { denom a carmel } \\
& \text { all the denims'. } \\
& \text { 4) Write down } \\
& \text { ooh remaining } \\
& \text { 5) Multiply } \\
& \text { comamy like } \\
& \text { terms } \\
& \text { b) } \text { Set }=\text { to } 0 \\
& \text { क solve. } \\
& \text { 7) Check for } \\
& \text { excluded } \\
& \text { values! }
\end{aligned}
$$

February 10, 2022


