Class $\# 9$ - Tues Sept. 21
Lost Fri (and yest in office hrs): 7 not
" $3 \times 3$ " 4 : will 4 counted as extra credit!

Office hrs: Tomorrow (wed)

$$
12: 30 p-1: 30 p
$$

Factoviry by "grouping"
wwl: "GCF-Grapip", 5
Factor: $\frac{[2 x-(y+1)]-[5(y+1)]}{5]} \quad\left\{\begin{array}{c}\text { comman } \\ f(y+1) \\ (2 x-5\end{array}\right.$

$$
\begin{aligned}
& =(y+1) \cdot[2 x-5] \\
& =(2 x-5)(y+1)
\end{aligned}
$$

(sore concat deohnique :
*6)

$$
\begin{aligned}
& \frac{(16 A B+28 A)}{\text { GGE: } 4 A}+\frac{(20 B+35)}{G C C: 5} \text { fectriy at } \\
& \text { foto) }
\end{aligned}
$$

next topic : factainp "quadrotic pilynomids"
Gxamplas: $x^{2}+x+2$
senerd form of a quadrotic polynarid:

$$
a x^{2}+b x+c \text { (where } a, b, c
$$ are entat coafficiecs)

Later in The sariter, $\left.\begin{array}{c}\text { baps } \\ \hline\end{array}\right)$ we will looh at sraphs

$$
y=a x^{2}+b x+c
$$

Formo, wive jet sire to focus an quadrotic polymaids an Their own (ia., as "dgebraic expessiog"... not yet in equation)

