Bell Work:



$$
\begin{aligned}
& \text { Your Turn } \\
& \text { 3.) }(6 m+2)^{2} \rightarrow(6 m+2)(6 m+2) \\
& \text { Distributive } \\
& 6 m(6 m+2)+2(6 m+2) \quad \text { Table } \\
& \begin{array}{l}
6 m{ }^{2}
\end{array} \\
& \text { FoIL } \\
& 6 m(6 m)+6 m(2)+2(6 n)+2(2) \\
& 36 m^{2}+12 m+12 m+4 \\
& 36 m^{2}+24 m+4
\end{aligned}
$$

$$
\begin{aligned}
& \text { Simplify } \\
& \text { 4) }(b+2)(b-2) \\
& b(b-2)+2(b-2) \\
& \frac{b^{2}-2 b+2 b-4}{b^{2}-4}
\end{aligned}
$$

$$
\begin{aligned}
& \text { (5) }(2 c+3)(2 c-3) \\
& 2 c \left\lvert\, \begin{array}{c|c}
2 c & 3 \\
-3 c^{2} & 6 \\
-3 & -\operatorname{bc} \\
\hline
\end{array}\right. \\
& \hline 4 c^{2}-9
\end{aligned}
$$



