

Monday 9.21.15

Factor by Grouping:

If you don't know what to do think about the following questions.

1. Is there a GCF for all 4 terms?
2. Is there a GCF for the first two terms? For the last two terms?

$$\begin{array}{l} \text{1. } xy + 2x + 4y + 8 \\ \hline x(y+2) + 4(y+2) \\ \hline (y+2)(x+4) \end{array}$$

$$\begin{array}{l} \text{2. } ab + 3b - 7a - 21 \\ \hline b(a+3) - 7(a+3) \\ \hline (a+3)(b-7) \end{array}$$