

Correct. You can use the distributive property (in reverse) to write $x^2 + 7x$ as $x(x + 7)$ and to write $-4x - 28$ as $-4(x + 7)$. This gives $x(x + 7) + (-4)(x + 7)$. Notice that $(x + 7)$ appears twice. Use the distributive property again to factor out the $x + 7$ to get $(x + 7)(x - 4)$.