

Many teachers like to use FOIL (First, Outer, Inner, Last) to teach multiplying binomials, but we find this method can be confusing and really only works when you are multiplying two binomials. What happens when you have to multiply three or more?

Instead of FOIL, we **use a Punnett Square**, and this method also engenders some crossover between math and science!

Example #1: $(x + 6)(x + 3)$

When multiplying three (or more) binomials, multiply two binomials at a time.

Example #2: $(x + 5)(x - 3)(x + 2)$

Next, take the resulting trinomial and multiply it by the remaining binomial.
