

There is absolutely no substitution for rote practice with factoring trinomials. To be able to do this **critical skill**, you must be **smart with your guesses** and **patient with your checks**. You will find the correct answer, but you must be willing to guess incorrectly multiple times.

Exercise #4: Write each of the following trinomials in equivalent factored form. Show your checks and don't worry if your first guess isn't correct. You will get better at these! Note for yourself which ones seemed easier and which were harder.

(a) $3x^2 + 11x - 4$

(b) $x^2 - 7x + 10$

(c) $x^2 + 10x + 21$

(d) $10x^2 + 9x + 2$

(e) $8x^2 - 18x + 9$

(f) $2x^2 + 5x - 33$

(g) $x^2 - 8x + 12$

(h) $7x^2 - 26x - 8$

