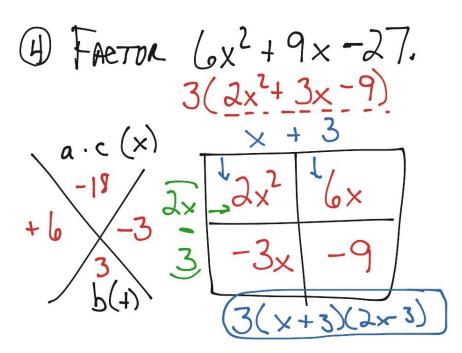
Factoring using X-box Method

Another way of organizing work to factor. This method is much like "bustin' the b". Here is a video showing this method: <u>http://www.showme.com/sh/?h=T0vEVfs</u>



Video showing how to use this method: <u>http://www.showme.com/sh/?h=A902ihM</u>

Factoring Quadratics if
$$a > 1$$

 $a = \frac{1}{2x^{4} + x - 10}$ X - Box
 $-\frac{1}{2x^{5}}$ $\frac{1}{2x^{2}}$ $\frac{5}{5x}$
 $-\frac{1}{2}$ $\frac{-4x}{-10}$
 $2x^{2} + x - 10 = (2x + 5)(x - 4)$
 br
 $(x - 2)(2x + 5)$