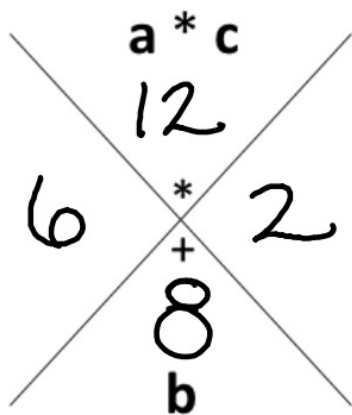


10.5.15

To **factor** the following equation, fill out the **X**, then use the numbers you get to fill in the **box**. Then take the GCF from each row and each column.

$$ax^2 + bx + c = 0$$

$$3x^2 + 8x + 4 = 0$$



	x	2
$3x$	$3x^2$ First Term	$6x$
2	$2x$	4 Last term

$$(3x+2)(x+2)=0$$

Solve

$$3x+2=0$$

$$x = -\frac{2}{3}$$

$$x+2=0$$

$$x = -2$$