**Factoring Quadratic Functions (and solving!)**

1.) Start with a quadratic equation in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ form:

2.) Write down the **a, b** and **c** values:

a: b: c:

3.) Complete the \_\_\_\_\_\_\_\_\_\_ with your values:

X

4.) Use your \_\_\_\_, \_\_\_\_ and \_\_\_\_\_ values in the following fractions:

 $\frac{d}{ax} $ and $\frac{e}{ax}$

5.) After reducing your fractions, write in \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_:

6.) Use the \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to solve for x.