Completing the Square Practice Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the value of c which makes the expression a perfect square trinomial, then write the expression as a square of a binomial.

Example:  Divide by 3 first.   so now factor using big x 

|  |  |
| --- | --- |
| 1.   | 2.  |
| 3.  | 4.  |

Solve by completing the square:

|  |  |  |  |
| --- | --- | --- | --- |
| 5.  | 6.  | 7.  | 8.  |
| 9.  | 10.  | 11.  | 12.  |