## Algebra Tiles **Name**      \_\_\_\_\_\_\_\_\_\_\_

x2

-1

1

-x

x

-x

x

-x2

### Factoring Trinomials

### Worksheet

Using Algebra Tiles, factor the following trinomials. When finished, write your answer next to the trinomial. ***(Hint: You may need to add zero pairs for 7 – 8)***

|  |  |  |
| --- | --- | --- |
| 1. x2 + 6x + 5 =  | 2. x2 + 5x + 6 =  | 3. x2 + 7x + 12 =  |
| 4. x2 – 6x + 9 =  | 5. x2 - 3x + 2 =  | 6. x2 – 6x + 8 =  |

|  |  |
| --- | --- |
| 1. x2 + 4x - 5 =
 | 8. x2 – x - 6 =  |