

Name \_\_\_\_\_

8A; Algebra 1

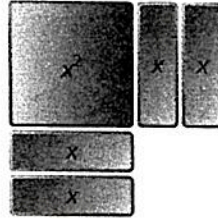
Date \_\_\_\_\_

8A Period \_\_\_\_\_

#45

### Homework

- 1) The diagram represents the expression  $x^2 + 4x + c$  with the constant term missing. Complete the square by filling in the bottom right corner with 1-tiles, and write the expression as a trinomial and in factored form.



#'s 2-7 Complete the square to form a perfect square trinomial. Then factor the trinomial.

2)  $m^2 + 10m$

3)  $g^2 - 20g$

4)  $y^2 + 2y$

5)  $w^2 - 11w$

6)  $x^2 + 4x$

7)  $x^2 - 16x$

#'s 8-9. Complete the square of the following trinomials.

8)  $x^2 + 7x + 24$

9)  $x^2 - 12x - 3$