

# Algebra I

## 11.3 Worksheet #2

### Polynomial Multiplication Using Algebra Tiles

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Hour: \_\_\_\_\_

Write the factors and the product modeled by the tiles.

1.  $x - 3$

$x(x-3) = x^2 - 3x$

2.

3.

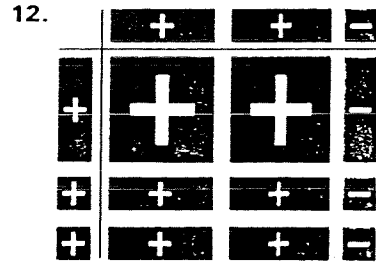
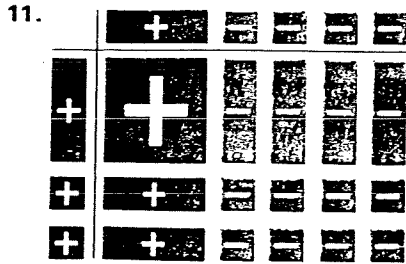
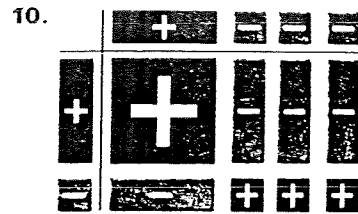
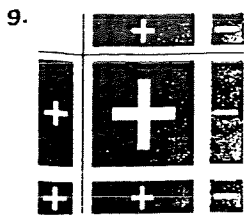
4.

5.

6.

7.

8.



Name each polynomial by its degree and by the number of its terms.

1.  $3x - 2$

2.  $2x^3 - x^2 + 4x$

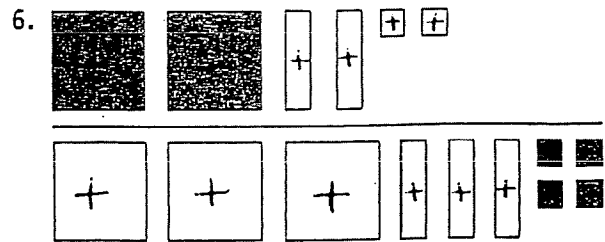
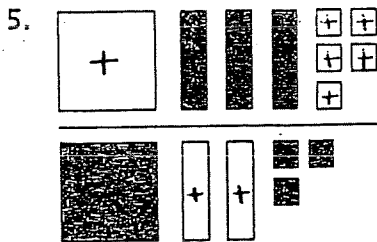
3.  $-6$

4.  $7x^2$

degree \_\_\_\_\_

name \_\_\_\_\_

Find the sum of the two sets of tiles.



What are the factors shown with the tiles? What will be the product?

