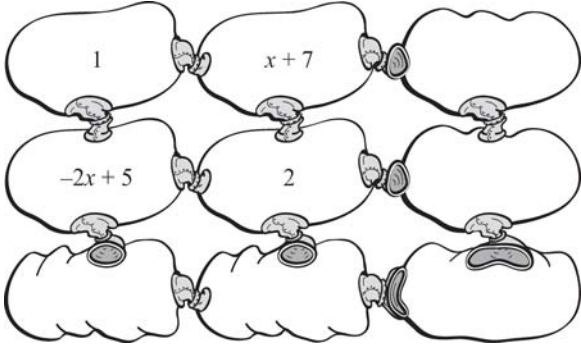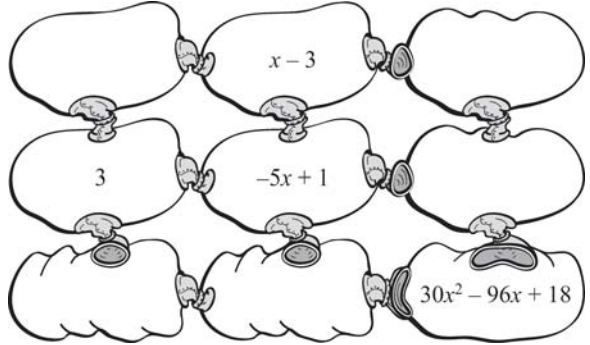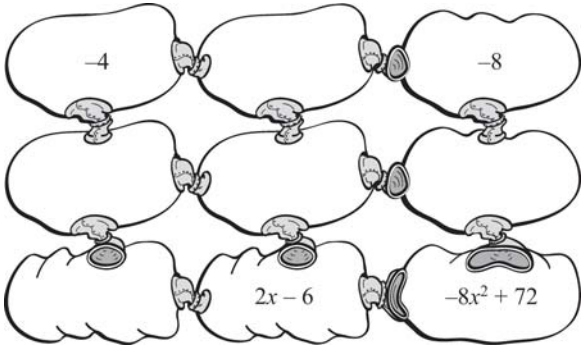# Polynomial Puzzler
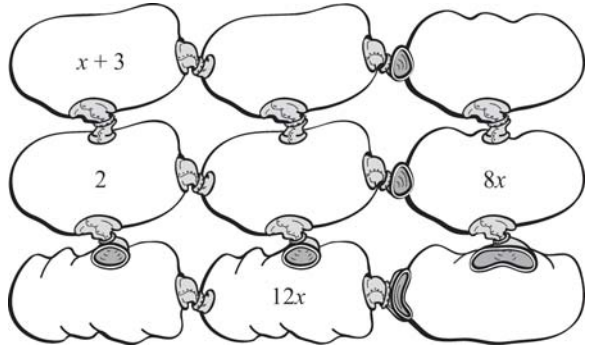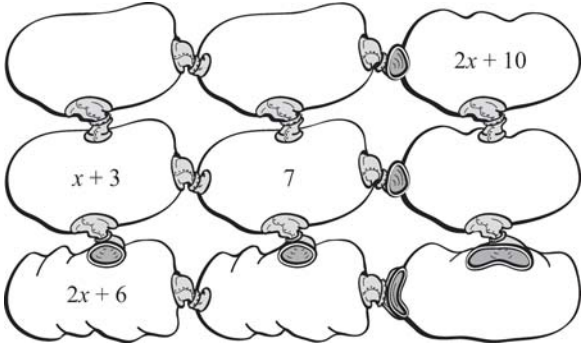
NAME_____

Fill in the empty spaces to complete the puzzle. In any row, the two left spaces should multiply to equal the right-hand space. In any column, the two top spaces should multiply to equal the bottom space.

1.

1	$x + 7$	
$-2x + 5$	2	

2.

	$x - 3$	
3	$-5x + 1$	
		$30x^2 - 96x + 18$

3.

-4		-8
	$2x - 6$	$-8x^2 + 72$

4.

$x + 3$		
2		$8x$
		$12x$

5.

		$2x + 10$
$x + 3$	7	
$2x + 6$		

6.

6		
	$x + 3$	
18		$36x^2 + 144x + 108$