

Perfect Squares

Use a multiplication table to find the square of each binomial. Combine like terms and write the product in the blank.

1. $(2y + 7)^2 =$ _____

	$2y$	$+7$
$2y$		
$+7$		

2. $(3x - 5)^2 =$ _____

	$3x$	-5
$3x$		
-5		

3. $(a - 3b)^2 =$ _____

4. $(2x + y)^2 =$ _____

5. $(5y + 9)^2 =$ _____

6. $(6x - 7)^2 =$ _____

Use a multiplication table to find the factors of each perfect square trinomial.

7. $16x^2 + 40x + 25 =$ _____

	$6x^2$	
		25

8. $4y^2 - 28y + 49 =$ _____

9. $9n^2 - 60n + 100 =$ _____

10. $a^2 + 24a + 144 =$ _____
