

Name \_\_\_\_\_

Date \_\_\_\_\_

**Completing the Square in a Quadratic Expression - Matching Worksheet**

Match the missing value to make the polynomials a perfect-square quadratic.

_____ 1.	$b^2 - 10b + \underline{\hspace{2cm}}$	a.	400
_____ 2.	$r^2 - 12r + \underline{\hspace{2cm}}$	b.	289
_____ 3.	$c^2 - 20c + \underline{\hspace{2cm}}$	c.	196
_____ 4.	$x^2 - 28x + \underline{\hspace{2cm}}$	d.	25
_____ 5.	$a^2 - 16a + \underline{\hspace{2cm}}$	e.	324
_____ 6.	$n^2 - 34n + \underline{\hspace{2cm}}$	f.	81
_____ 7.	$z^2 - 36z + \underline{\hspace{2cm}}$	g.	100
_____ 8.	$q^2 - 38q + \underline{\hspace{2cm}}$	h.	64
_____ 9.	$b^2 - 40b + \underline{\hspace{2cm}}$	i.	36
_____ 10.	$k^2 - 18k + \underline{\hspace{2cm}}$	j.	361

