

Name : _____ Score : _____

Teacher : _____ Date : _____

Completing the Square

Find the value of "c" by completing the square.

1) $x^2 + 17x + c$

6) $x^2 + 24x + c$

2) $w^2 + 9w + c$

7) $q^2 - 15q + c$

3) $h^2 + 2h + c$

8) $m^2 + 18m + c$

4) $s^2 - 3s + c$

9) $d^2 + 4d + c$

5) $p^2 + 6p + c$

10) $k^2 + 5k + c$

Name : _____ Score : _____

Teacher : _____ Date : _____

Completing the Square

Find the value of "c" by completing the square.

1) $x^2 + 17x + c$
 $\frac{289}{4}$

6) $x^2 + 24x + c$
144

2) $w^2 + 9w + c$
 $\frac{81}{4}$

7) $q^2 - 15q + c$
 $\frac{225}{4}$

3) $h^2 + 2h + c$
1

8) $m^2 + 18m + c$
81

4) $s^2 - 3s + c$
 $\frac{9}{4}$

9) $d^2 + 4d + c$
4

5) $p^2 + 6p + c$
9

10) $k^2 + 5k + c$
 $\frac{25}{4}$