

Name : _____

Score : _____

Teacher : _____

Date : _____

Completing the Square

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

1) $n^2 + 9n + c$

6) $x^2 + 18x + c$

2) $s^2 - 16s + c$

7) $w^2 - 20w + c$

3) $m^2 + 11m + c$

8) $s^2 - 12s + c$

4) $y^2 - 13y + c$

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

5) $w^2 + 19w + c$

10) $q^2 + 23q + c$



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Completing the Square

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

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

6) $x^2 + 18x + c$
81

2) $s^2 - 16s + c$
64

7) $w^2 - 20w + c$
100

3) $m^2 + 11m + c$
 $\frac{121}{4}$

8) $s^2 - 12s + c$
36

4) $y^2 - 13y + c$
 $\frac{169}{4}$

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

5) $w^2 + 19w + c$
 $\frac{361}{4}$

10) $q^2 + 23q + c$
 $\frac{529}{4}$

