

Name: _____ Period: _____ Date: _____

Completing the Squares Assignment

Find the value of c which will make the expression a perfect-square trinomial.

1. $x^2 + 18x + c$

2. $y^2 + 5y + c$

3. $q^2 - 14q + c$

4. $n^2 - n + c$

5. $p^2 - 10p + c$

6. $u^2 + 3u + c$

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Completing the Squares Assignment

Solve each equation by completing the square.

1. $x^2 + 10x = 75$

2. $z^2 - 18z = 63$

3. $a^2 - 2a - 8 = 0$

4. $x^2 + 8x - 9 = 0$