

Name: _____ Date: _____

Solve by the Best Method – Sorting Activity

Sort the quadratics and descriptions. List the letter only. After getting the sort checked, work each problem (starting with Type 1) on another sheet of paper.

Type 1: Solve by Factoring**Type 2: Solve by Taking Square Roots**

Type 3: Solve by Completing the Square**Type 4: Solve by Quadratic Formula**

A. $ax^2 = c$

E. $x^2 + 7 = -300$

K. $x^2 + 7x + 6 = 0$

B. $ax^2 + bx + c = 0$,
when $a = 1$ and b
is even, but can't
factor.

F. $x^2 - 8x - 73 = 0$

L. $x^2 - 16x - 71 = 0$

C. Always works no
matter the
quadratic

H. $x^2 + 3x = 40$

N. $(x - 5)^2 - 3 = 42$

D. $x^2 - x - 56 = 0$

I. $(x + 3)^2 = 4$

O. $x^2 - 12x + 82 = 0$

J. $4x^2 - 2x - 5 = 0$
