Letter 1

$x^2 - 6x + 8 = y$

$x^2 - 12x + 36 = y$

$x^2 - 10x + 16 = y$

All are in decreasing order ... (6, 5) instead of (5, 6) for example.

Draw This Separately

$x^2 - 9x + 20 = y$

$x^2 - 11x + 28 = y$

Letter 2

$x^2 + 10x + 24 = y$

$x^2 + 7x + 10 = y$

$x^2 + 8x + 16 = y$

$x^2 + 5x + 6 = y$

$x^2 + 6x + 8 = y$

All are in increasing order: (5, 6) instead of (6, 5) for example. Except for the last one...

Letter 3

$x^2 - x - 30 = y$
$x^2 + 3x - 10 = y$
$x^2 + x - 6 = y$
$x^2 - x - 12 = y$
$x^2 + x - 20 = y$

All are in increasing order ... (5, 6) instead of (6, 5) for example.

Letter 4

$x^2 - 2x - 3 = y$
$x^2 + 2x - 15 = y$
$x^2 - 25 = y$

All are in decreasing order ... (6, 5) instead of (5, 6) for example.

Letter 5

$x^2 = y$
$x^2 - 2x = y$ decreasing
$x^2 - 4x + 4 = y$
$x^2 - 2x = y$ increasing
$x^2 + 2x = y$ decreasing
$x^2 - 4 = y$ decreasing