Math 2 Name_____ ID: 1

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Assignment 5

Date_____ Period____

Identify the vertex and min/max value of each.

1) $y = -x^2 + 8x - 17$

2) $y = 3x^2 - 60x + 299$

3) $y = -8x^2 + 64x - 119$

4) $y = x^2 - 10x + 26$

5) $y = -13x^2 - 260x - 1308$

6) $y = -3x^2 + 60x - 306$

7) $y = x^2 - 12x + 30$

8) $y = 2x^2 + 24x + 80$

9) $y = 14x^2 - 56x + 64$

10) $y = -x^2 - 6x - 19$

11) $y = \frac{1}{4}x^2 + 3x + 5$

12) $y = \frac{1}{2}x^2 + 10x + 53$

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