Name:

17.
$$y \ge 3x^2$$

$$18. y \leq -x^2$$

19.
$$y > -x^2 + 5$$

20.
$$y < x^2 - 3x$$

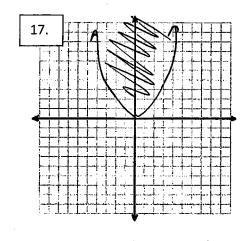
21.
$$y \le x^2 + 8x + 16$$

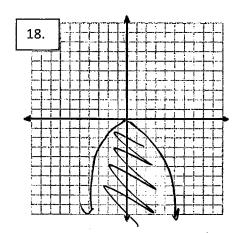
22.
$$y \le -x^2 + x + 6$$

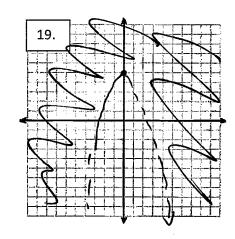
18.
$$y \le -x^2$$

21. $y \le x^2 + 8x + 16$
22. $y \le -x^2 + x + 6$
 $-(x^2 - x - 6)$
help if you find AOS, Vertex, Y-int, and X-int(s). $-(x - 3)(x + 1)$

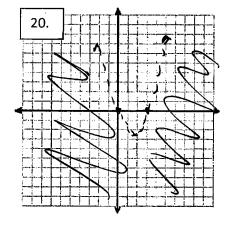
Graph each of these. It should help if you find AOS, Vertex, Y-int, and X-int(s).

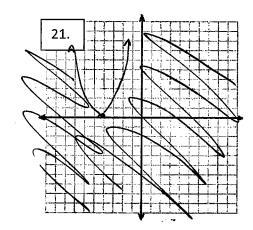


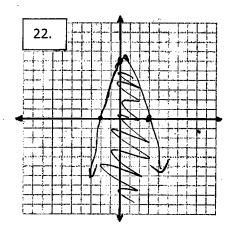




$$(c-y)\chi$$

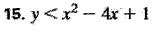




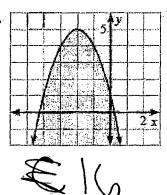


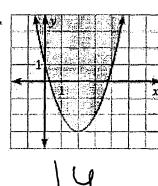
MATCHING GRAPHS Match the inequality with its graph.

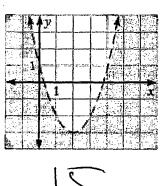
14.
$$y \ge x^2 - 4x + 1$$



16.
$$y \le -x^2 - 4x + 1$$







SOLVING ALGEBRAICALLY Solve the inequality algebraically.

38.
$$-x^2 + x + 5 > 0$$
 39. $3x^2 + 24x \ge -41$

39.
$$3x^2 + 24x \ge -41$$

$$-(x^2-X-5)>0$$