I. The graph of the function

$$y = 2^{x^2 - 4x + 3}$$

can be obtained from the graph of $y = 2^{x^2}$ by
- (a) a stretch parallel to the y-axis followed by a translation parallel to the y-axis.
- (b) a translation parallel to the x-axis followed by a stretch parallel to the y-axis.
- (c) a translation parallel to the x-axis followed by a stretch parallel to the x-axis.
- (d) a translation parallel to the x-axis followed by reflection in the y-axis.
- (e) reflection in the y-axis followed by translation parallel to the y-axis.