

9)  $y = x^2 - 2x + 5$

no roots

$$y = x^2 - 2x + 1 - 1 + 5$$

$$y = (x-1)^2 + 4$$

$(h, k)$	$(1, 4)$
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y-intercept	$(0, 5)$
reflection	$(2, 5)$
$f(-1) = 8$	$(-1, 8)$
$f(3) = 8$	$(3, 8)$

