

Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

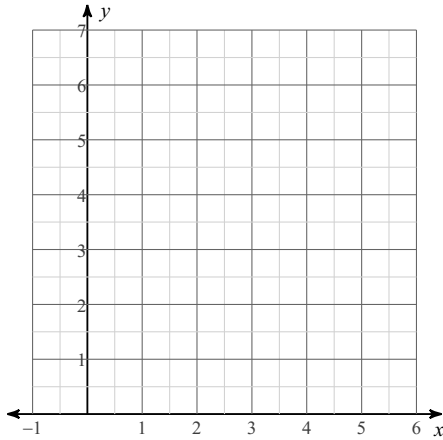
Identify:

vertex  
axis of symmetry  
maximum or minimum

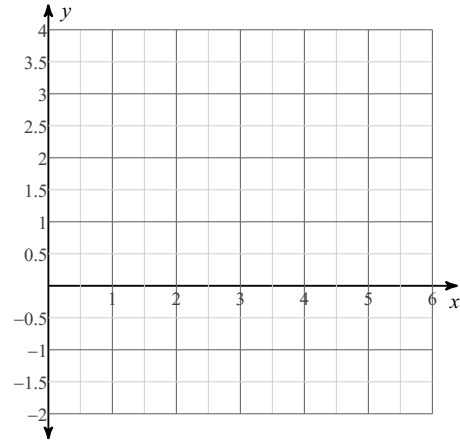
discriminant  
roots / zeros

Graph the function

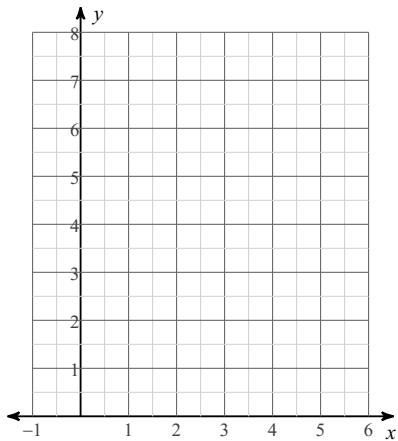
1)  $y = (x - 4)^2 + 2$



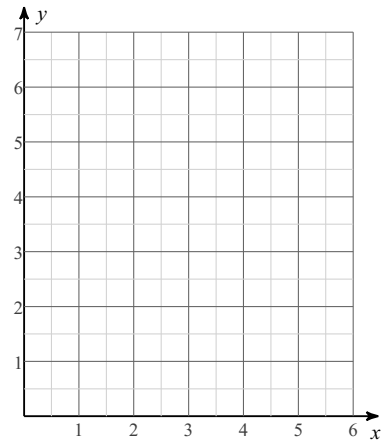
2)  $y = (x - 2)^2 - 1$



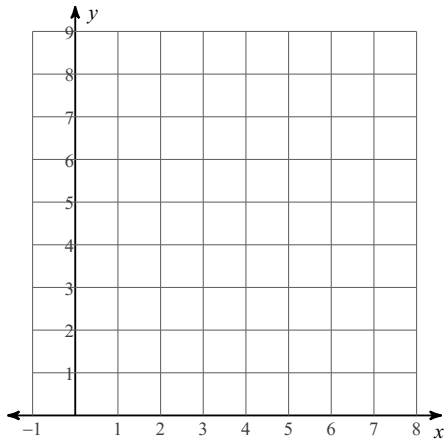
3)  $y = (x - 4)^2 + 3$



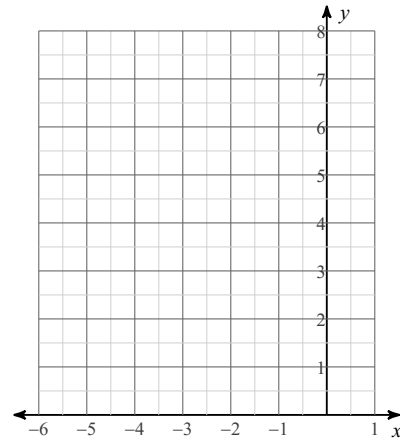
4)  $y = (x - 2)^2 + 2$



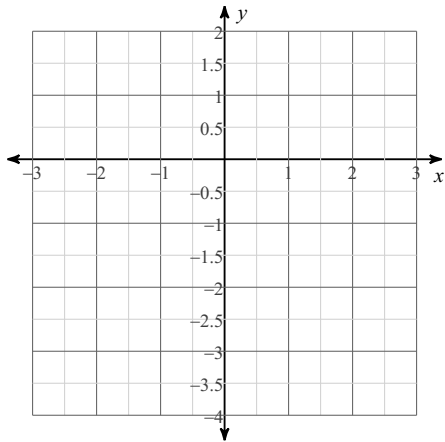
5)  $y = x^2 - 8x + 20$



6)  $y = x^2 + 8x + 19$



7)  $y = x^2 - 2x - 2$



8)  $y = x^2 - 4x + 7$

