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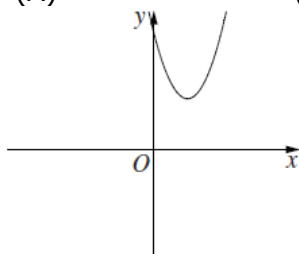
2016

3

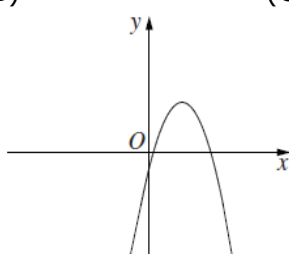
Which diagram best shows the graph of the parabola  $y = 3 - (x - 2)^2$ ?

1

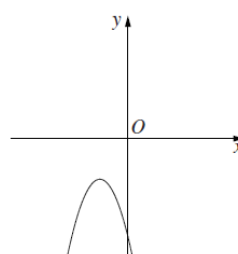
(A)



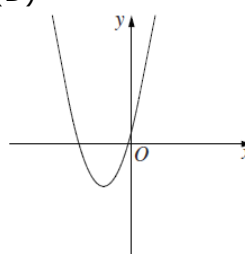
(B)



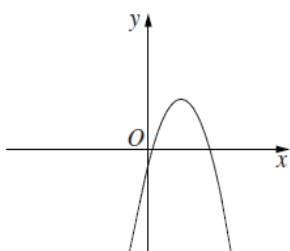
(C)



(D)

**B**

$y = (x - 2)^2$  has an axis of symmetry  $x = 2$ , and  $y = 3 - (x - 2)^2$  is concave down.



State Mean:

**0.83**

\* These solutions have been provided by [projectmaths](#) and are not supplied or endorsed by BOSTES.