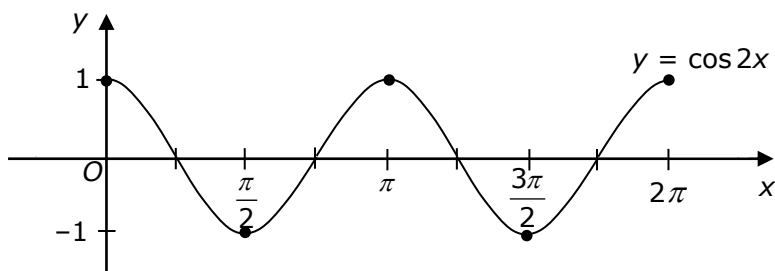




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- 2016** **8** How many solutions does the equation $|\cos(2x)| = 1$ have for $0 \leq x \leq 2\pi$?
(A) 1 (B) 3 (C) 4 (D) 5

1**D**

$\cos 2x = 1$ three times and $\cos 2x = -1$ twice. \therefore a total of 5 times.

State Mean:
0.23

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