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

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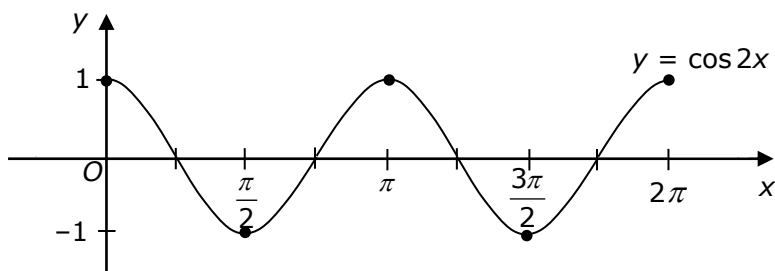
$\cos 2x = 1$ three times and $\cos 2x = -1$ twice. $\therefore$ a total of 5 times.

State Mean:
0.23