09	1e	Find the exact value of θ such that $2\cos\theta = 1$, where $0 \leq \theta \leq \frac{\pi}{2}$.	2

State Mean:
1.50/2

$$2\cos\theta = 1$$
$$\cos\theta = \frac{1}{2}$$
$$\theta = \frac{\pi}{3}$$

* These solutions have been provided by *projectmaths* and are not supplied or endorsed by the Board of Studies

Board of Studies: Notes from the Marking Centre

Common errors in this part were the use of degrees rather than radians and the presentation of multiple solutions.

Source: http://www.boardofstudies.nsw.edu.au/hsc_exams/