2016 11 g Solve $\sin\left(\dfrac{x}{2}\right) = \dfrac{1}{2}$ for $0 \le x \le 2\pi$? **2**

$$\sin \frac{x}{2} = \frac{1}{2}$$

$$\therefore \frac{x}{2} = \frac{\pi}{6}, \frac{5\pi}{6}$$

$$\therefore x = \frac{\pi}{3}, \frac{5\pi}{3}$$

State Mean:
1.24

* These solutions have been provided by *projectmaths* and are not supplied or endorsed by BOSTES.

BOSTES: Notes from the Marking Centre

This information is released by BOSTES in late Term 1 2017.