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10	1a	Solve $x^2 = 4x$.	2

State Mean:
1.61/2

$$x^2 = 4x$$
$$x^2 - 4x = 0$$
$$x(x - 4) = 0$$
$$\therefore \ x = 0 \text{ or } 4$$

* 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
This part was answered correctly by most candidates. The only common error was to simply divide both sides of the equation in its original form by x resulting in only one solution, namely $x = 4$.
Source: http://www.boardofstudies.nsw.edu.au/hsc_exams/