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- 2014 3** What is the solution to the equation $\log_2(x - 1) = 8$?
(A) 4 (B) 17 (C) 65

(D) 257

1

D

$$\log_2(x - 1) = 8$$

$$x - 1 = 2^8$$

$$x - 1 = 256$$

$$x = 257$$

State Mean:

0.68

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