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2014 6 Which expression is a factorisation of $8x^3 + 27$?

(A) $(2x - 3)(4x^2 + 12x - 9)$

(B) $(2x + 3)(4x^2 - 12x + 9)$

(C) $(2x - 3)(4x^2 + 6x - 9)$

(D) $(2x + 3)(4x^2 - 6x + 9)$

D

$$8x^3 + 27 = (2x + 3)(4x^2 - 6x + 9)$$

State Mean:
0.79

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