A2.A.20: Determine the sum and product of the roots of a quadratic equation by examining its coefficients

1. 080217b, P.I. A2.A.20

   If the sum of the roots of $x^2 + 3x - 5$ is added to the product of its roots, the result is

   [A] -15   [B] -2   [C] 15   [D] -8

2. 080612b, P.I. A2.A.20

   For which equation is the sum of the roots equal to the product of the roots?

   [A] $x^2 + 3x - 6 = 0$ [B] $x^2 - 4x + 4 = 0$

   [C] $x^2 - 8x - 4 = 0$ [D] $x^2 + x + 1 = 0$

A2.A.20: Determine the sum and product of the roots
of a quadratic equation by examining its coefficients

[1] D_____

[2] B_____