Copyright (C) 2018, 2012, 2016 by Pearson Education Inc. All Rights Reserved, please visit www.pearsoned.com/permissions/.

## EX.1.1.2, Sauer3

Use the Intermediate Value Theorem to find an interval of length one that contains a root of the equation (a)  $x^5 + x = 1$ , (b)  $\sin(x) = 6x + 5$ , (c)  $\ln(x) + x^2 = 3$ .