

Standard Normal Distribution

Objectives

- 1 Find the z scores corresponding to a given area

Finding z Score for a Given Area

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Keep in mind that most (not all) technology will ask you for the area to the *left* of the needed z score.

Example 4

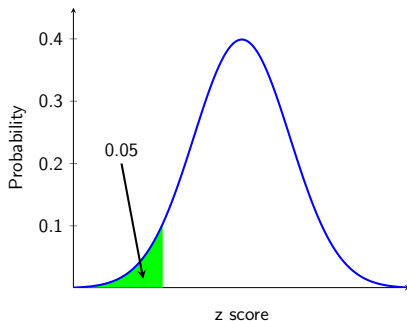
Find the z score which has the given area to the left of it. Round to 3 decimal places.

(a) 0.05

Example 4

Find the z score which has the given area to the left of it. Round to 3 decimal places.

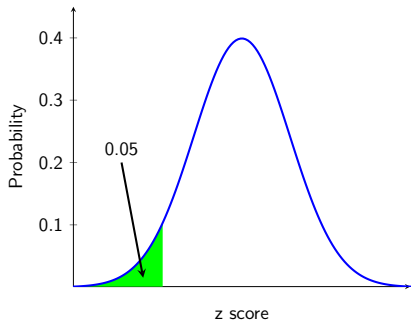
(a) 0.05



Example 4

Find the z score which has the given area to the left of it. Round to 3 decimal places.

(a) 0.05



$$z \approx -1.645$$