In-Video Quiz Questions for
Unit 3, Part 2: (1) Confidence Interval (for a mean)

(11:04)

1. What is the critical value for the 98% confidence level?

You may need to refer to the normal probability table:
http://www.openintro.org/download.php?file=os2_prob_tables&referrer=coursera.php.

    (a) Z = 2.05
    (b) Z = 1.96
    (c) Z = 2.33
    (d) Z = -2.33
    (e) Z = -1.65

Answers:

1. c

Explanation: Z = 2.33 is the positive cutoff for the middle 98% of the standard normal distribution.