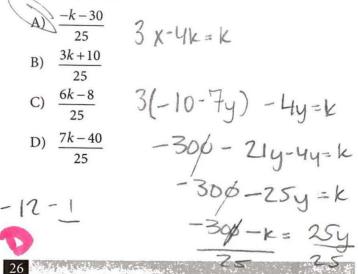




In the system of equations above, k is a constant. If (a, b) is the solution to the system, what is the value of a, in terms of k?



According to the U.S. Department of Labor, the unemployment rate in January of 2012 in the United States was 8.3%. According to the same department, the unemployment rate in January of 2016 was 4.9%. According to the U.S. Department of Labor, how did the unemployment rate change from January 2012 to January 2016 ?

A) It decreased by 79%.

B) It decreased by 41%.

- C) It decreased by 34%.
- D) It increased by 41%.



Questions 27 and 28 refer to the following information.

In a particular college, the test scores of the most recent test given for a particular Physics class and a particular Literature class were studied. Both tests were scored from 0 to 100 and had a total of 20 questions, which were equally weighted with no partial credit. The Physics class had 128 students and the Literature class had 75 students. The test results are shown in the two graphs below.

