

Name _____

Quiz 4

A certain town has 25,000 families. These families own 1.6 cars, on the average; the SD is 0.80. And 10% of them have no cars at all.

If one draws a simple random sample of 1,000 families from the 25,000, what is the chance (approximately) that between 9% and 11% of the sample families will not own cars? (Any correction factors may be ignored.)

- (A) 10% (B) 58% (C) 66% (D) 71% (E) 99%