

# Answer to iClicker Question #1

Which of the following statements are false:

- A. If the genotype frequencies of a population in nature match those expected at HWE, the population is at HWE. *This is true.*
- B. After one generation where all 5 conditions for HWE are met, the population will be at HWE. *This is true.*
- C. If a small sample of a starting population that was at HWE founds a new population, that new population will always be at HWE. *This is false - the new population may or may not be at HWE - this is the bottleneck effect.*

So the correct answer is (C).