True or false?
1. An inductive proof always has exactly one base case. F
2. Strong and weak induction are equally powerful. T
3. Recursion is a programming technique and induction is a proof technique. T
4. Stack frames are used to preserve data across recursive calls. T
5. Arrays allow random access. T
6. Arrays can be dynamically resized. F
7. Lists allow random access, provided they are doubly-linked. F
8. Induction can only be used to prove properties of the natural numbers. F

Multiple Choice
9. Which of the following can appear in a stack frame?
   - local variables
   - method parameters
   - return address

Short Answer
10. What was Mr. Olin’s first name? Franklin