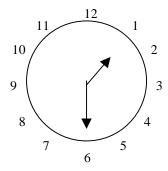
## CS 100 Exercise 1: Algorithms Summer 2001 Due in lecture, Tuesday June 26

Name:	Netid:	
L. Objective		

The purpose of this exercise is to gain experience with reading and refining algorithms, and to explore the ambiguity inherent in natural language.

## 2. The Clock Algorithm

The following image is a simple representation of a clock:



Here is the algorithm used to construct this clock:

- 1. Draw a circle.
- 2. Put the numbers 1 through 12 around the outside of the circle.
- 3. Draw an arrow from the center of the circle to the 6.
- 4. Draw a shorter arrow from the center of the circle to a point between the 1 and the 2.

Following the same directions, draw an alternate solution (it must completely conform to the given directions!):

(see other side)

## 3. A Better Clock Algorithm

Which algorithm steps are ambiguous? Rewrite the algorithm more precisely to assist someone else in following it (you can change the number of steps if you like):