The TENTH
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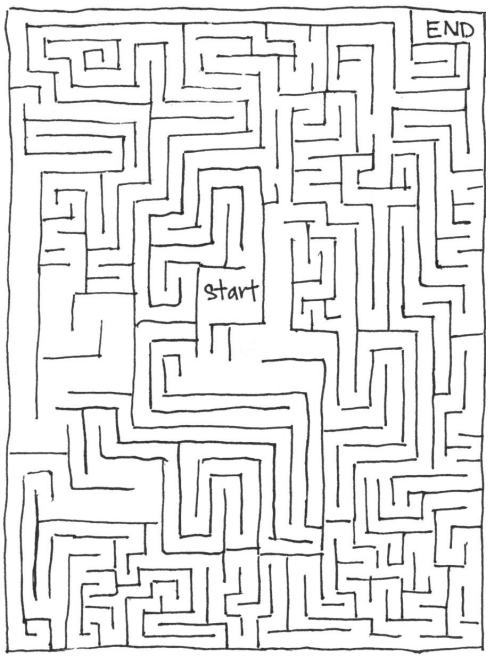
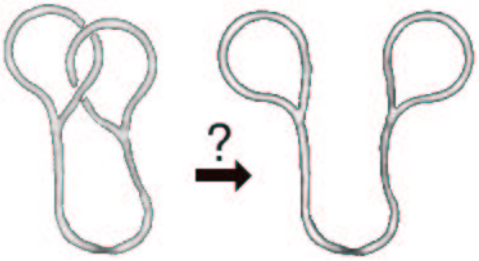


Even Freud could do this maze.



Topological Rings

A ring puzzle. Imagine the object on the left in the figure above to be made from **perfectly elastic materical** - like a very special form of silly putty or Play-dough. Can you transform it so as to unlink the two rings as in the object on the right? One possible way is to cut one ring, move the other ring through the gap, and rejoin the the first ring exactly as it was. That would be a legitimate topological transformation. However, it is also possible to transform the first shape into the second without any cutting, simply by manipulating the objects in the appropriate manner (stretching, bending, but not breaking). Can you see how to do it?

Even Aristotle could do this.

Acronyms

Acronyms are everywhere nowadays, but we bet you haven't seen the ones below. Each clue suggests two common two- or three-letter acronyms. When they are placed in order, they form a (perhaps proper) word. For example, "A school event in sync with a New York clock" suggests the acronyms RAW and EST, which form the word rawest. Note that a word in the clue will not appear in the acronym. When you are finished, rearrange the circled letters and place them in the boxes below to complete the pun.

◯ _ ◯ _ _ _

A medieval club's electronic indicator

_ _ _ ◯ ◯ _

Test for seniors and the organization that gives it

◯ _ _ _ _ _

Military administration awards a certificate for drop-outs

_ _ _ ◯ ◯

Sleep phenomena within our borders

_ _ ◯ ◯ _

The common era at a nerdy college

_ _ _ ◯ ◯

Captured soldiers' hospital department

A sleeping upscale traveler has

□□□□□ □□□□□□.

Even Aristotle could do this.

So what if Freud can do it??

Even Freud could do this.	Easy
Even Pythagoras could do this.	Not easy
Even Aristotle could do this.	More challenging
Even Kant could do this.	This is a hard problem.
Even Ray Mayer could do this.	Go ask him for help.

Questions? Blitz: **puzzles@reed.edu**

Think you know the answer?
For more info on these puzzles, go to
http://www.reed.edu/~mcphailb/quest/

```
% make love
Make:  Don't know
how to make love.
Stop.
```