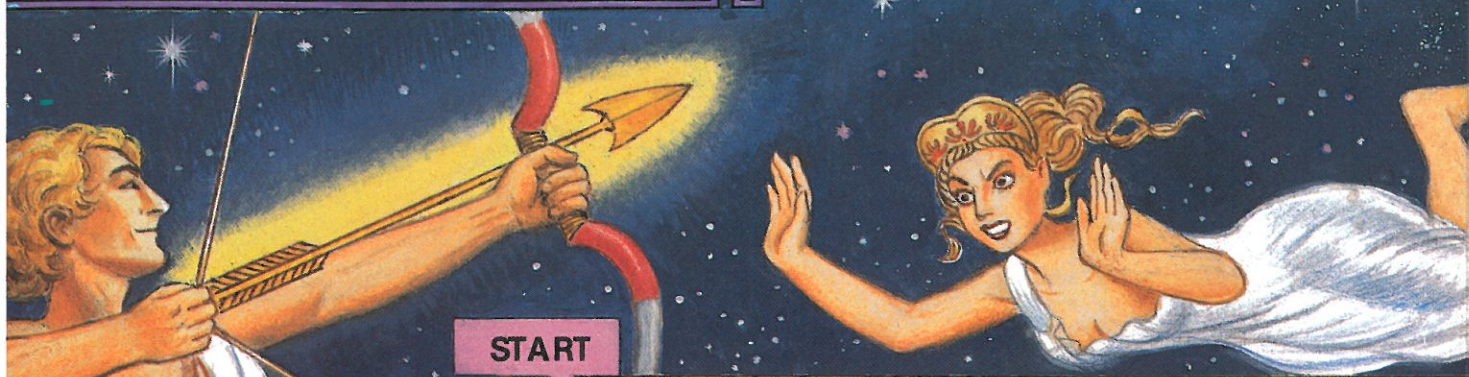
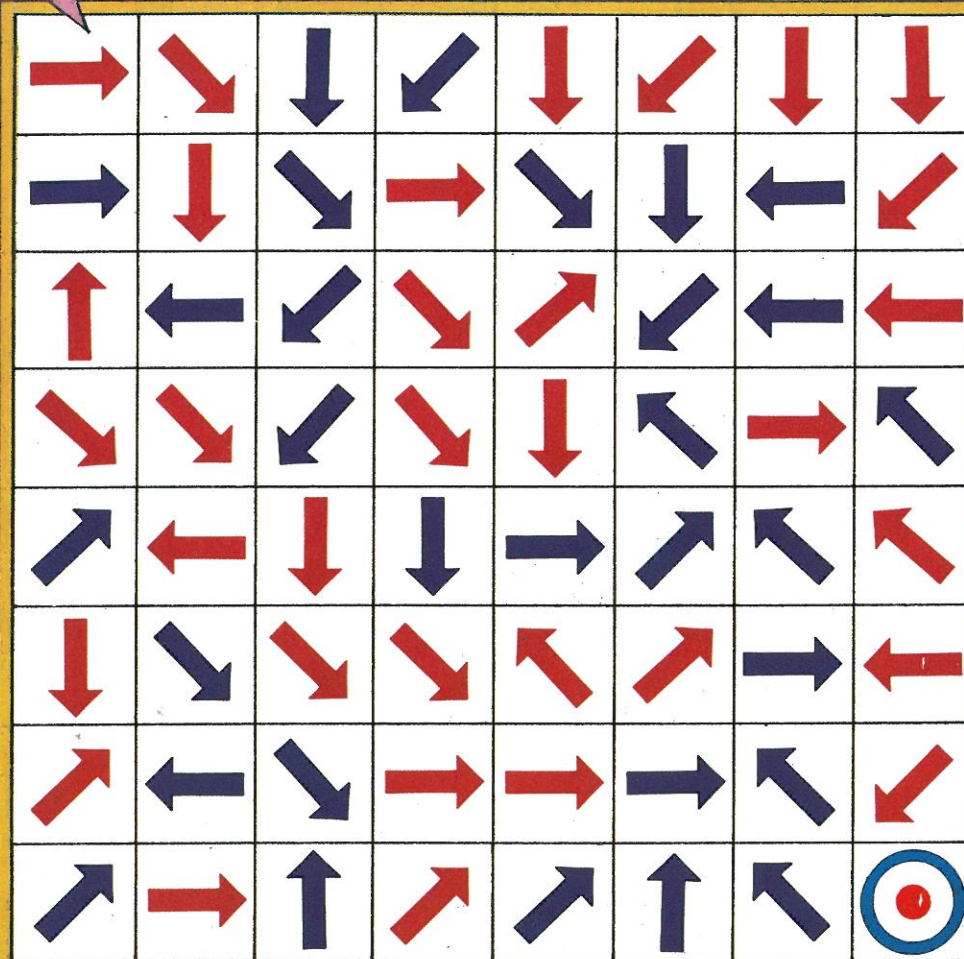


Apollo and Diana



START



Apollo, god of the sun, stole a set of arrows from his sister Diana, goddess of the moon. When Diana caught him shooting moonbeams instead of sunbeams, she was furious! She cast a mighty curse, and all his arrows fell around him in a terrible maze. That maze is shown here. Apollo's sunbeams are the red arrows; Diana's moonbeams are the blue arrows.

Diana spoke to Apollo: "You will

you solve this puzzle. You must find a route from the red arrow at the upper left to the bull's-eye at the lower right. The first red arrow points to two blue arrows. Choose either of those blue arrows and move to it. You are now on a blue arrow that points to one or more red arrows. Choose one of those red arrows and move to it. Continue in this fashion, alternating between red and blue arrows. If you are truly wise you will arrive at an

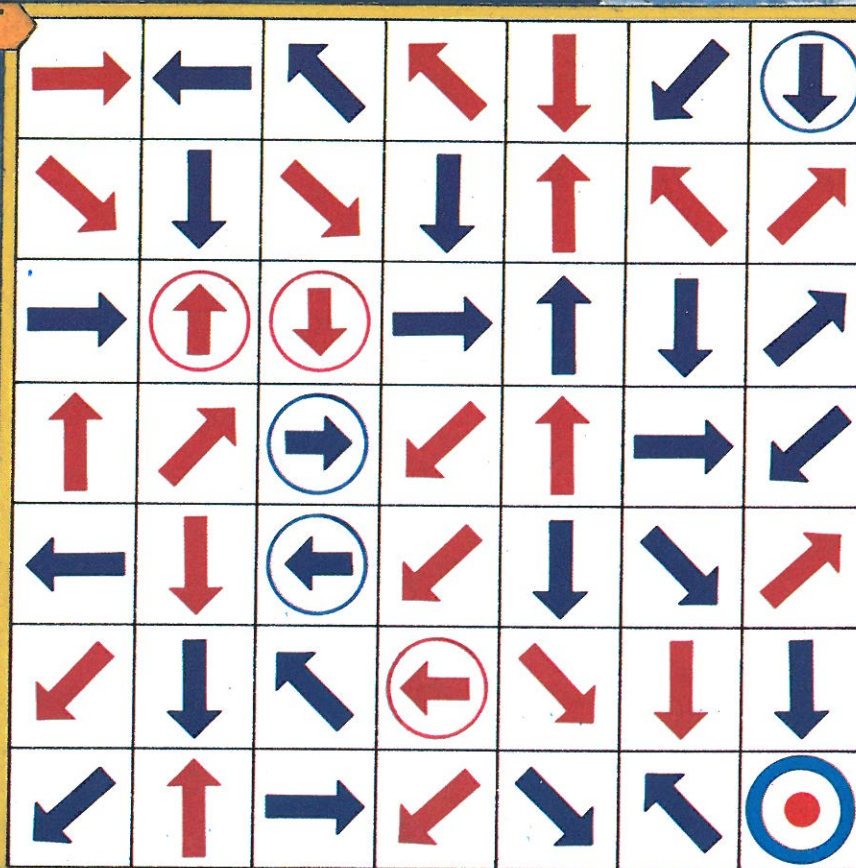
may then proceed to the bull's-eye and escape from the maze. It's far more likely, though, that you will wander into a loop and find yourself going around endlessly. If that happens, you can admit that you are lost, go back to the red arrow at the upper left, and start the puzzle over again."

So, how can Apollo find his way to the bull's-eye (without getting stuck in too many loops)?

Apollo's Revenge



START



After several days, Apollo escaped from the arrow maze that his sister had placed him in, and after his long entrapment he was determined to have his revenge. He created his own maze out of the arrows, and then hid nearby. When his sister came to check on her captive, he leapt out of hiding, overpowered her, and threw her into the maze of arrows.

He cried out to her: "You will remain here until you solve this puzzle as I had to. As before, you must start on the red arrow

blue arrow, to red arrow, and so forth, until you come to an arrow that lets you move towards the bull's eye."

"But that's not all," gloated Apollo. "Because I am so very clever, I added a new rule that will utterly confuse you. When you begin the maze, you move in the directions that the arrows point; that is, you move where the *head* of an arrow points. When you land on an arrow inside of a circle, you start moving in the *opposite* direction.

in the direction pointed to by the *tail* of the arrow. On subsequent arrows, continue moving where the tails point until you again stop on an arrow in a circle. At that point, switch back to moving where the *heads* point. Thus, each time you stop on an arrow in a circle, you change whether you follow heads or tails. Just passing *over* a circle has no effect on your movement."

Is Apollo's new rule really that confusing? If not, can you find your way