



Virtual Chicken

The Female Reproductive Tract

www.virtualchicken.org

Lab: Shaped for a Reason

The egg is smaller at one end and has only one symmetry axis.

Materials

6 eggs, raw or hard-cooked

Procedure

Put the eggs, narrow end in, in a circular fashion like the picture.

Observe the pros and cons of the shape.



Thinking About It

The reason why eggs are shaped like they are is often discussed.

This is one of the strongest shapes

In a hen's nest, all of the eggs can have the most surface area touching each other, thereby conserving precious heat needed for development.

If an egg rolls, it will roll in a circle around the pointed end. For birds that have nests on cliffs, the egg is very pointed. This will make them roll in a very tight little circle and not roll out of the nest.

