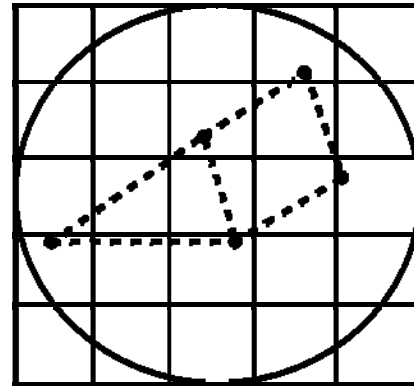
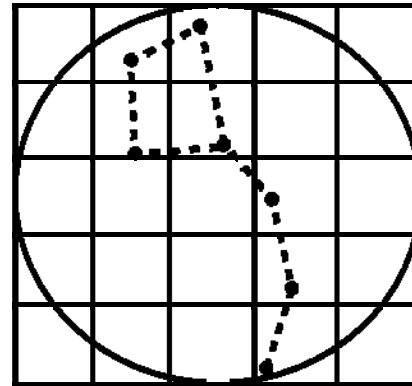


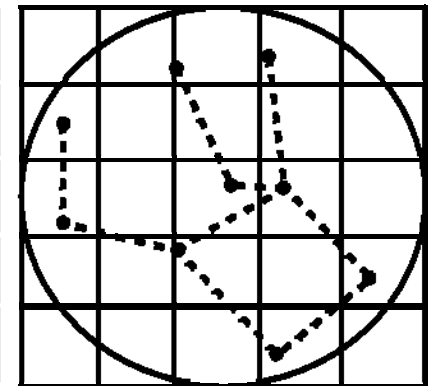
## PEEP SHOW TO THE STARS



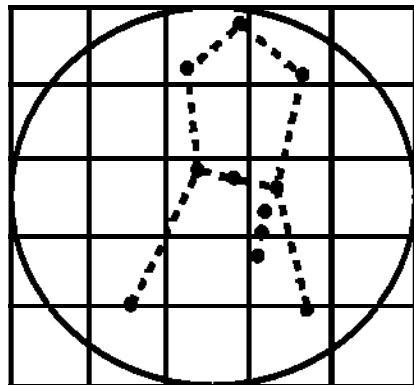
**CEPHEUS**



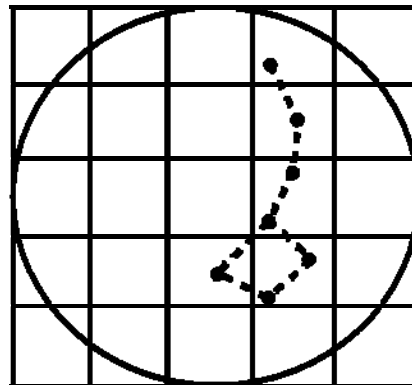
**BIG DIPPER**



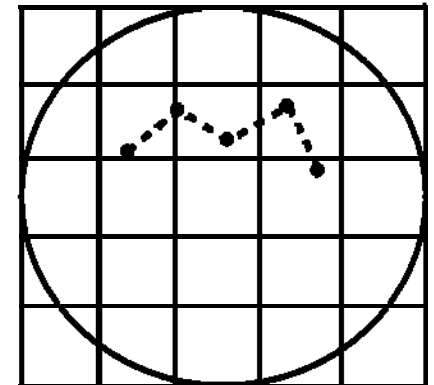
**PEGASUS**



**ORION**



**LITTLE DIPPER**



**CASSIOPIA**

This is a series of pinhole planetariums made from 12 ounce aluminum soda cans with pop tops. Make paper patterns by using the grid method to enlarge constellations below to 2½ inch circles. Note that these star charts are mirror images of how they would look in the sky. Mark the stars' positions with pen or dark pencil. Tape each pattern on the bottom of a can. Use a small nail to punch tiny holes for stars. Decorate outside of can with contact paper and put constellations name over peephole.

To view constellation, look through peephole toward strong light (not the sun.) For another way to make pinhole planetariums, see page 155, Big Bear Cub Scout Book

Use a star map then to show Cub Scouts where in the sky to look for these constellations.

