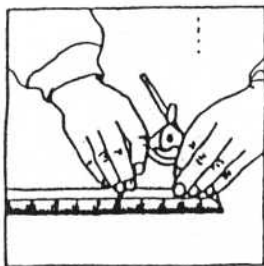


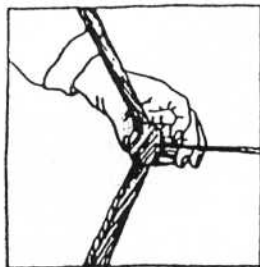
Making the Spider, Continued...

13



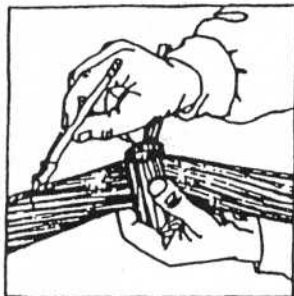
The compass should be set to the radius of the telescope tube.

14



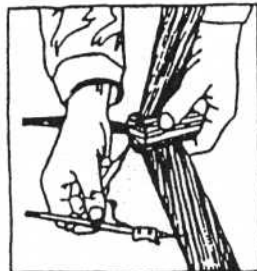
Placing the the point of the compass at the center of the dowel.

15



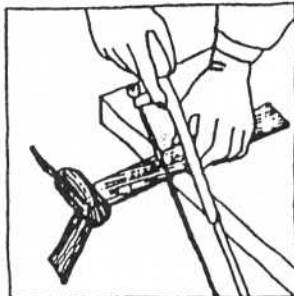
Marking one of the shingles.

16



Marking the other two shingles the same way.

17



Sawing off the ends of the shingles at the marks.

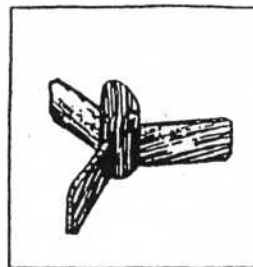
18



Bevelling the corners so the shingles won't split when the position of the spider is adjusted in the tube.

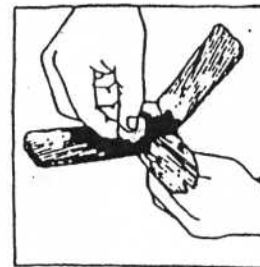
Making The Spider, Continued...

19



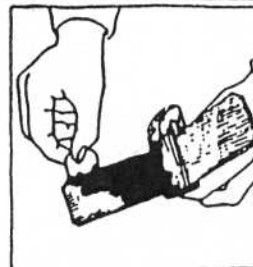
All corners beveled..

20



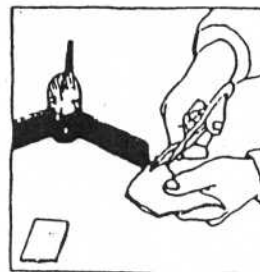
We may paint the spider black, or simply blacken the surfaces facing the eyepiece tube.

21



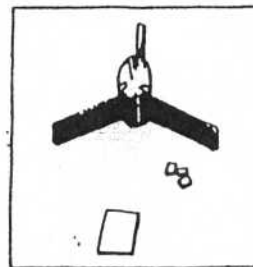
The slant-cut end should be left unpainted (to accept glue) If spray paint is used, be sure to cover the slant-cut end with masking tape while spraying.

22



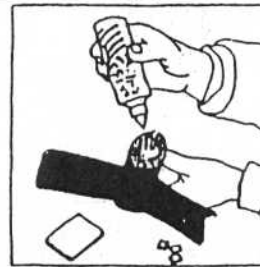
Cutting leather scrap. We will need three pieces about 1/2" square.

23



The secondary mirror (flat front-surface mirror) This mirror is also called a "diagonal". (Secondary mirrors can also be oval in shape.)

24



Applying glue at three points on the slant cut end of the dowel. (If masking tape was used, remove it first!) Leather pieces should be glued directly to the wood.