

Using your Weems & Plath dividers and compass

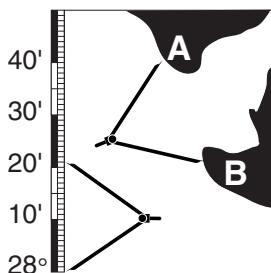
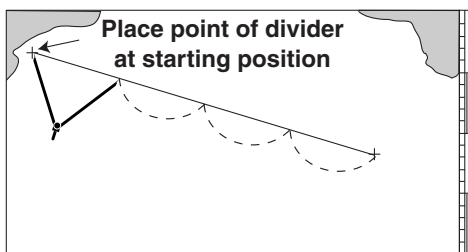
Dividers:

To measure a distance on a chart within the span of your dividers, place one divider pin on each point, then move the dividers, maintaining the spread, to the graphic distance scale on your chart or the latitude scale at the side margin.

If the two points on the chart do not fall within the span of the dividers, set the dividers to an opening that spans a convenient number of whole units on the chart's graphic scale or the latitude scale at the side margin. Step the dividers along the line whose distance you are measuring by swinging one leg past the other as you set the pins alternately on the line. Count the steps. Then pick up the remainder of the distance by adjusting the dividers to that span and comparing it with the graphic distance scale or the latitude scale.

Compass:

A drawing compass is used to draw circles or arcs a known distance from a given point. To use, place the point of the compass in the center of the circle you wish to draw, open the legs to half of the diameter of the size circle desired and rotate the compass so the lead makes a line on the paper.



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