In the representation function in terms of a representative fraction, the graphic scale in the horizontal scale directly to the right of the representative fraction. If the graphic scale is in terms of the representative fraction, the graphic scale in the graphic scale directly to the right of the graphic scale, facilitating the interpretation of scales between them printed on the coordinate sheet.

To convert from a representative fraction in graphic scale, or vice versa, use the use of these converting graphs. Note all units the same, for example, one mile on the map is one inch on the ground. Then converting from a graphic scale to a representative fraction, note all units the same and divide the graphic scale measurement (distance or area) into the representative fraction scale (distance or area). For example, in metric units in millimeters in Figure 1, if one kilometer on the graphic scale at a scale segment four (4) centimeters long, the one kilometer is 100,000 centimeters. The kilometer represents the length of the element on the ground, and the fact that centimeters represent the equivalent of 100,000 centimeters. By dividing the fraction until the denominator equals one (1), a representative fraction of \( \frac{1}{24,000} \) (represented as a ratio, 1:24,000) is obtained.

**Figure 1**: Conversion from a graphic scale to a representative fraction.

**Figure 2**: Conversion from a representative fraction to a graphic scale.