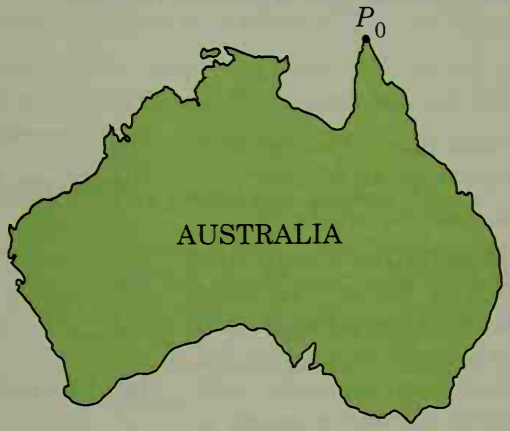
Ruler Length	Number of Sides	Perimeter
$L_1 = 1$ in.	5	5 in.
$L_2 = \frac{1}{2}$ in.	12	$5\frac{3}{4}$ in.
$L_3 = \frac{1}{4}$ in.	25	$6\frac{1}{4}$ in.

Table 1. Data for the coastline length

Exercises

Measure each coastline using the ruler lengths given. Copy and complete each table. Does the coastline get longer as the ruler length gets shorter?

1.



Ruler Length	Number of Sides	Perimeter
$L_1 = 1$ in.		
$L_2 = \frac{1}{2}$ in.		
$L_3 = \frac{1}{4}$ in.		

2.

Ruler Length	Number of Segments	Length
$L_1 = 1$ in.		
$L_2 = \frac{1}{2}$ in.		
$L_3 = \frac{1}{4}$ in.		