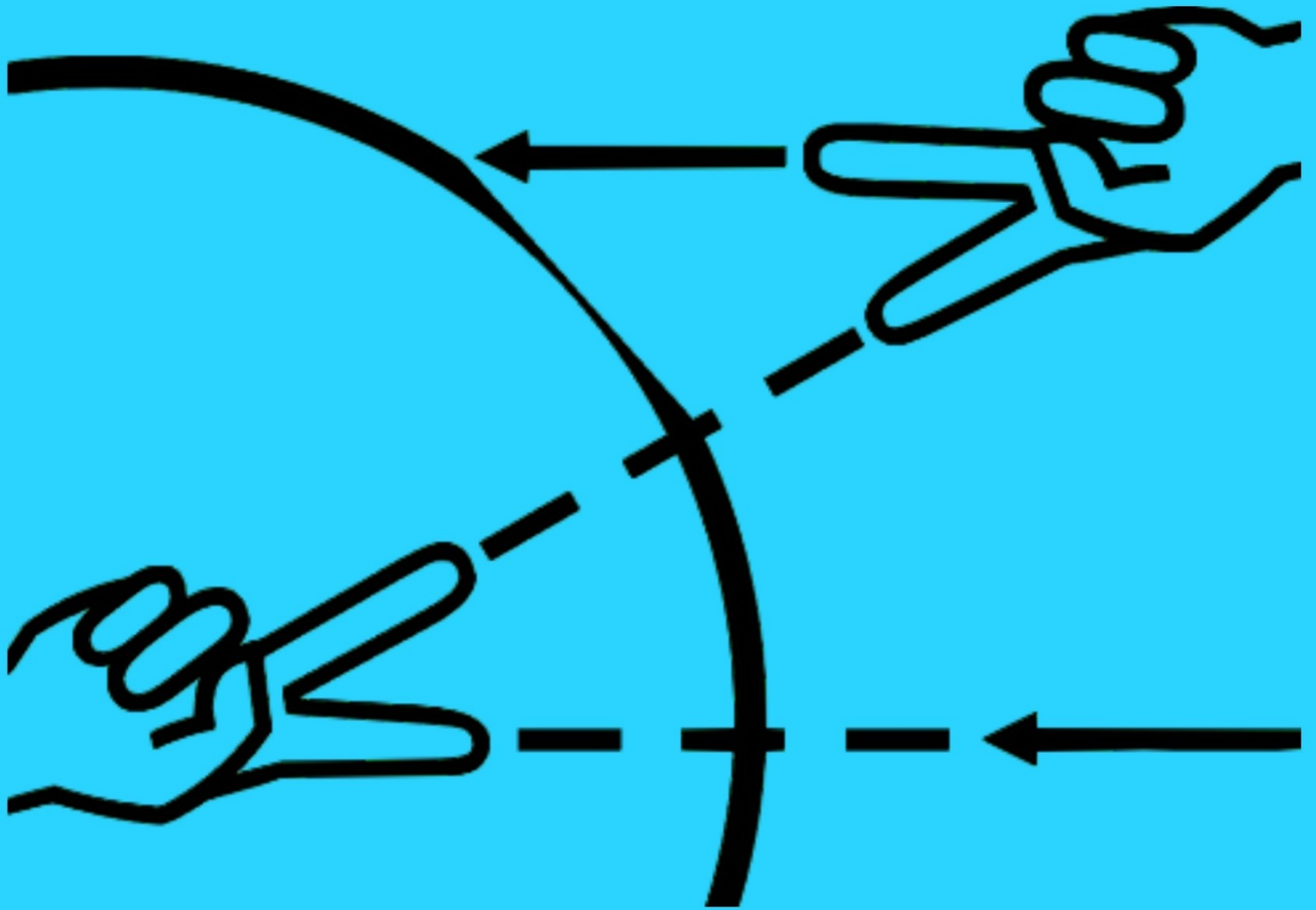


Eratostrhenes



1 Continents

2 Countries

4 Schools

35 Measures

1 Continents

2 Countries

4 Schools

35 Measures

ARGENTINA (2)

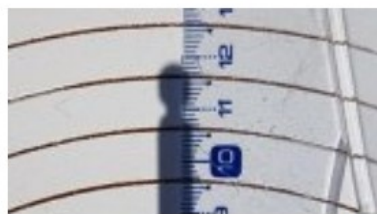
Rio Cuarto, Chivilcoy

BRAZIL (2)

Méier, Santarém

Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014
	Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280
	Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351
	Santarém	Brazil	Santarém Adventist College	-2.439	-54.699

Chivilcoy, Argentina

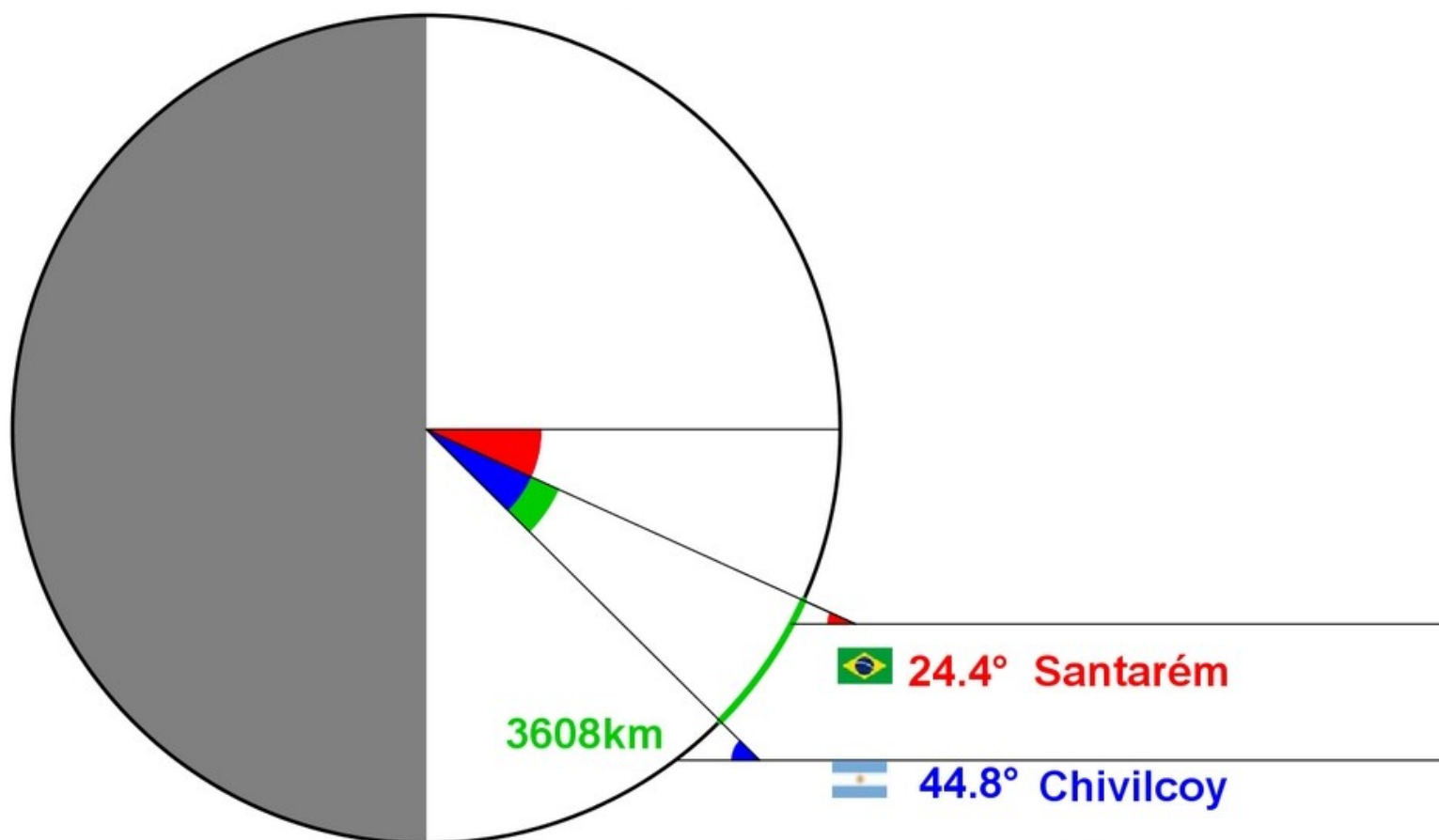


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014

Date	Gnomon	Shadow	Angle
27 August 2021	12cm	-11.9cm	-44.8°

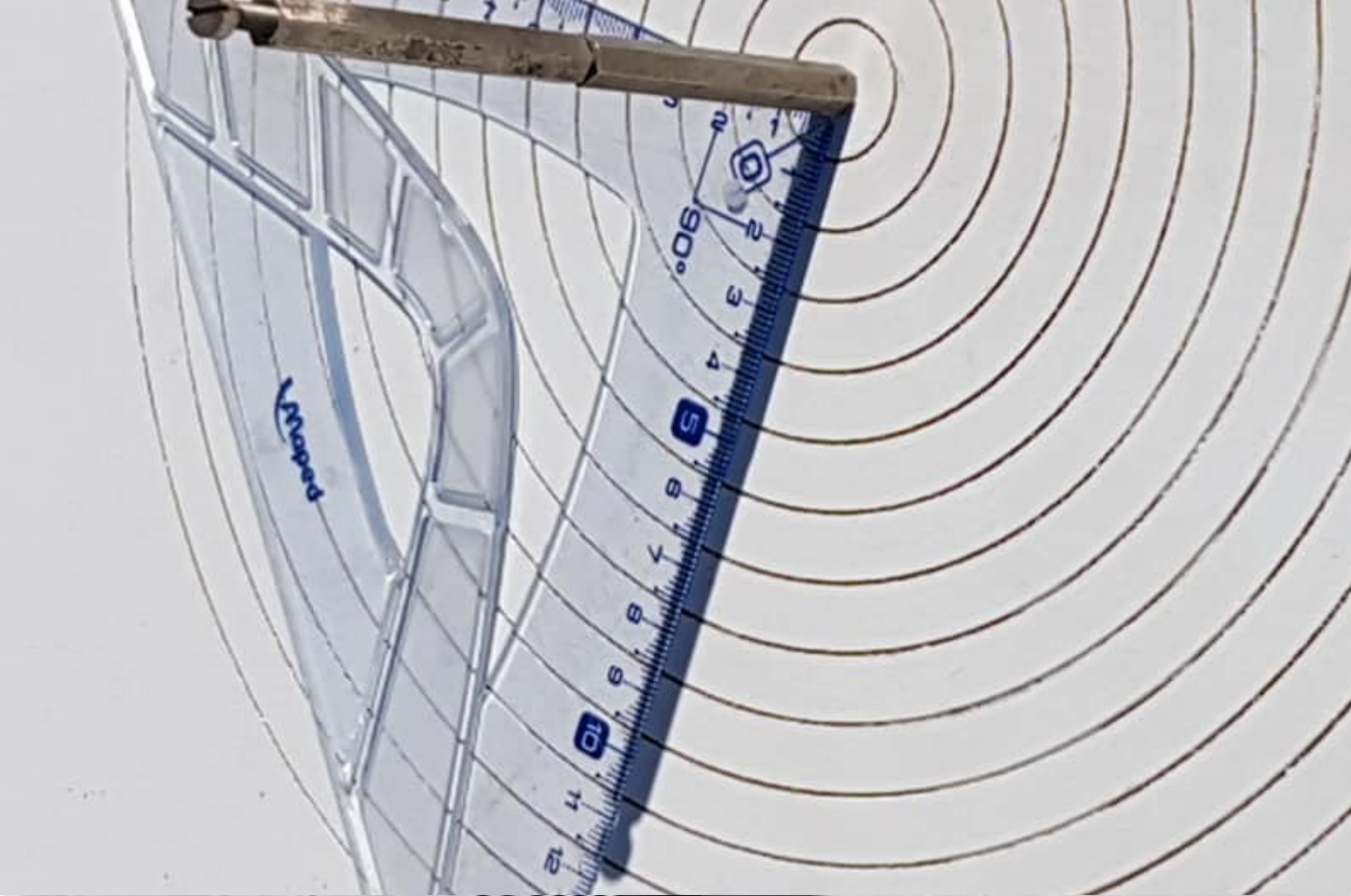
27/08/2021 (Santarém-Brazil) Latitude: -2.439°

27/08/2021 (Chivilcoy-Argentina) Latitude: -34.911°



Distance	Angle
circumference	360°
3608km	44.8° - 24.4°

$$\text{circumference} = \frac{360^\circ \times 3608\text{km}}{44.8^\circ - 24.4^\circ} = 63671 \text{ km}$$



Méier, Brazil

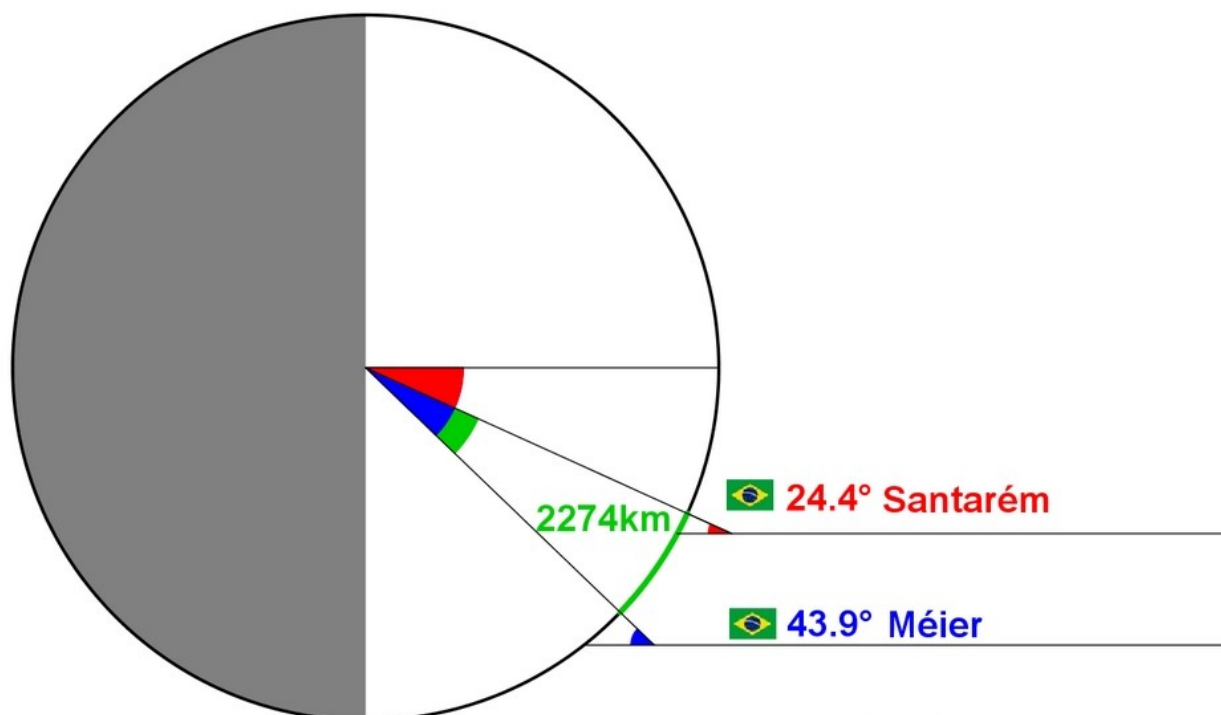


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280

Date	Gnomon	Shadow	Angle
01 August 2021	54.0cm	-68.0cm	-51.5°
02 August 2021	54.0cm	-50.0cm	-42.8°
05 August 2021	54.0cm	-47.0cm	-41.0°
08 August 2021	54.0cm	-42.0cm	-37.9°
09 August 2021	54.0cm	-45.0cm	-39.8°
10 August 2021	54.0cm	-45.0cm	-39.8°
15 August 2021	54.0cm	-42.0cm	-37.9°
17 August 2021	54.0cm	-37.0cm	-34.4°
18 August 2021	54.0cm	-40.0cm	-36.5°
19 August 2021	54.0cm	-40.0cm	-36.5°
20 August 2021	54cm	-52.0cm	-43.9°
21 August 2021	54.0cm	-37.0cm	-34.4°
22 August 2021	54.0cm	-30.0cm	-29.1°
25 August 2021	54.0cm	-40.0cm	-36.5°

20/08/2021 (Santarém-Brazil) Latitude: -2.439°

20/08/2021 (Méier-Brazil) Latitude: -22.904°



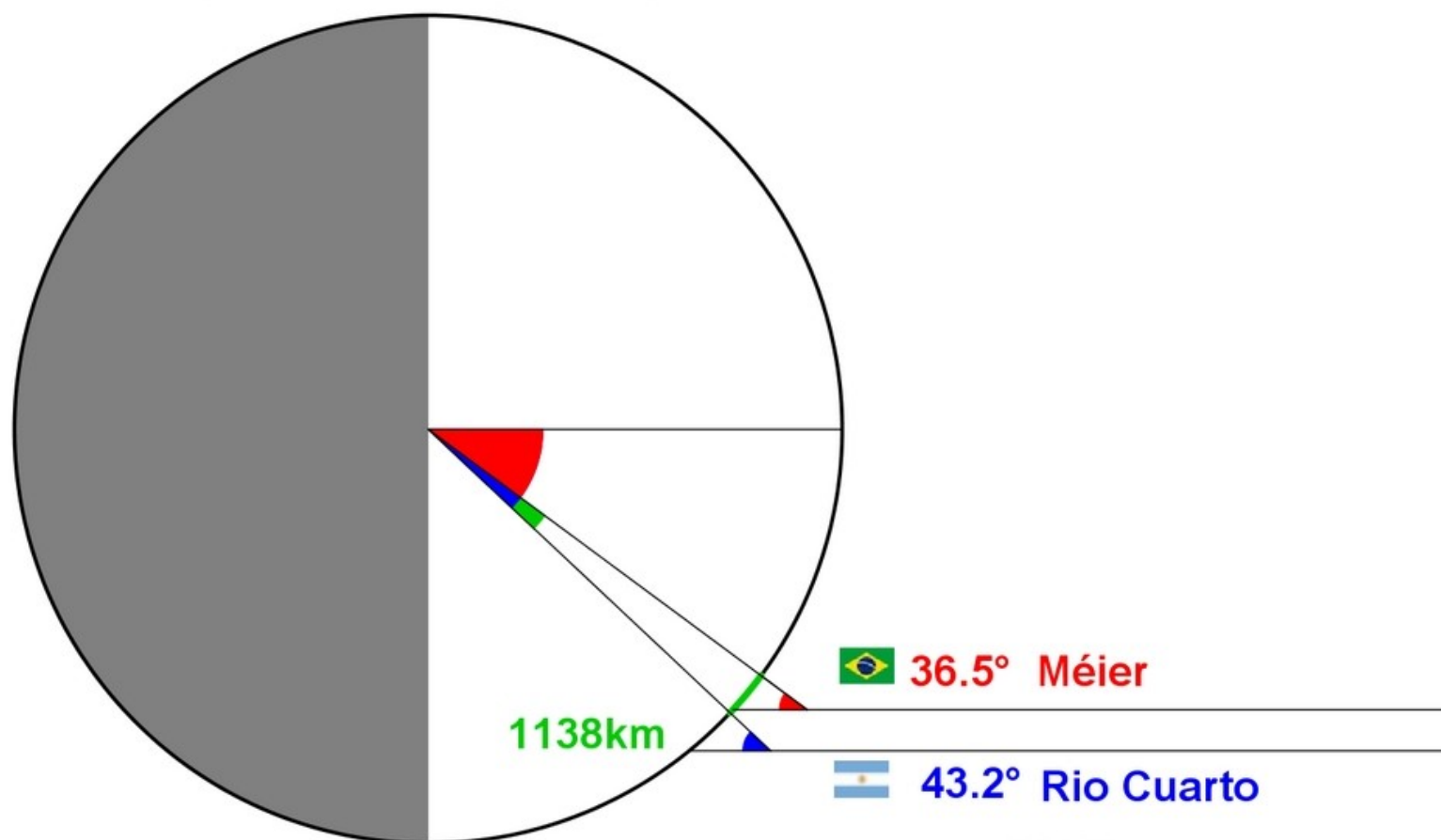
Distance	Angle
circumference	360°
2274km	43.9° - 24.4°

$$\text{circumference} = \frac{360^\circ \times 2274\text{km}}{43.9^\circ - 24.4^\circ} = 41982 \text{ km}$$



Date	Gnomon	Shadow	Angle
25 August 2021	52.5cm	-49.3cm	-43.2°

25/08/2021 (Rio Cuarto-Argentina) Latitude: -33.149°



Distance	Angle
circumference	360°
1138km	43.2° - 36.5°

$$\text{circumference} = \frac{360^\circ \times 1138\text{km}}{43.2^\circ - 36.5^\circ} = 61146 \text{ km}$$



Santarém, Brazil

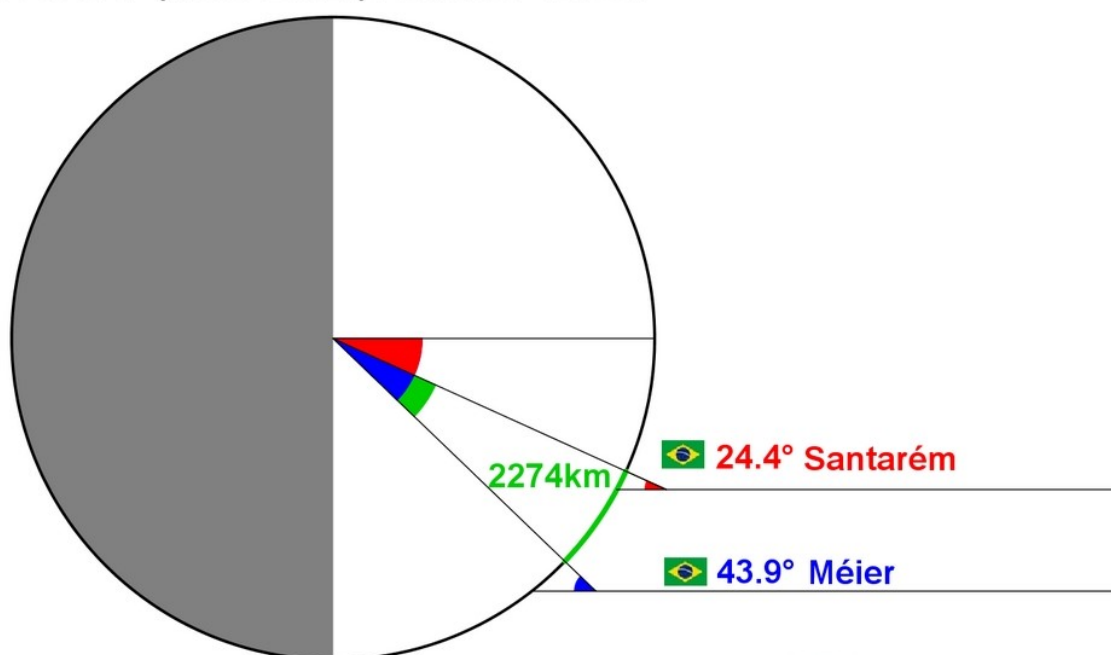


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Santarém	Brazil	Santarém Adventist College	-2.439	-54.699

Date	Gnomon	Shadow	Angle
03 August 2021	11.0cm	-5.0cm	-24.4°
05 August 2021	11.0cm	-5.0cm	-24.4°
06 August 2021	11.0cm	-5.0cm	-24.4°
07 August 2021	15.0cm	-5.6cm	-20.5°
08 August 2021	11cm	-5.0cm	-24.4°
10 August 2021	11.0cm	-3.0cm	-15.3°
11 August 2021	11.0cm	-5.0cm	-24.4°
12 August 2021	10.0cm	-4.0cm	-21.8°
14 August 2021	11.0cm	-4.0cm	-20.0°
15 August 2021	11.0cm	-4.0cm	-20.0°
16 August 2021	11.0cm	-5.0cm	-24.4°
18 August 2021	11.0cm	-5.0cm	-24.4°
19 August 2021	11.0cm	-5.0cm	-24.4°
20 August 2021	11cm	-5.0cm	-24.4°
24 August 2021	11.0cm	-5.0cm	-24.4°
26 August 2021	11.0cm	-5.0cm	-24.4°
27 August 2021	11cm	-5.0cm	-24.4°
29 August 2021	11cm	-5cm	-24.4°
31 August 2021	11cm	-5cm	-24.4°

20/08/2021 (Santarém-Brazil) Latitude: -2.439°

20/08/2021 (Méier-Brazil) Latitude: -22.904°



Distance	Angle
circumference	360°
2274km	43.9° - 24.4°

$$\text{circumference} = \frac{360^\circ \times 2274\text{km}}{43.9^\circ - 24.4^\circ} = 41982 \text{ km}$$



