

Student	number of steps on short side	length in meters short side
Student 1	60	45,6
Student 2	60	56,7
Student 3	70	50,4
Student 4	65	38,35
Student 5	60	50,4
Student 6	60	43,5
Student 7	60	46,8
Student 8	69	50,301
Student 9	60	51
Student 10	61	46,36
Student 11	60	54
Student 12	70	63
Student 13	60	48,6
Student 14	60	45,54
Student 15	70	63
Student 16	70	63
Student 17	60	51
Student 18	60	45
Student 19	54	45,36
Average	62,57894737	50,41636842

**Real measure of sides of Palermo Cathedra**

lato corto (m)	50
lato lungo (m)	115
perimetro (m)	330
area (m <sup>2</sup> )	5750

## Example of activity with students

number of steps on long side	length in meters long side	medium size step(cm): 74 cm
150	114	76
137	129,465	94,5
164	118,08	72
142	83,78	59
140	117,6	84
140	101,5	72,5
150	117	78
150	109,35	72,9
152	129,2	85
148	112,48	76
158	142,2	90
150	135	90
154	124,74	81
140	106,26	75,9
150	135	90
150	135	90
150	127,5	85
140	105	75
120	100,8	84

146,5789474

118,1028947

80,56842105

Perimeter (cm)	Area (m <sup>2</sup> )
319,2	5198,4
372,33	7340,6655
336,96	5951,232
244,26	3212,963
336	5927,04
290	4415,25
327,6	5475,6
319,302	5500,41435
360,4	6589,2
317,68	5214,5728
392,4	7678,8
396	8505
346,68	6062,364
303,6	4839,0804
396	8505
396	8505
357	6502,5
300	4725
292,32	4572,288
337,0385263	6037,914213